

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024257.D
 Acq On : 13 Mar 2023 22:26
 Operator : CG/JU
 Sample : 01849-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-9.0-030823

Quant Time: Mar 14 03:34:04 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)

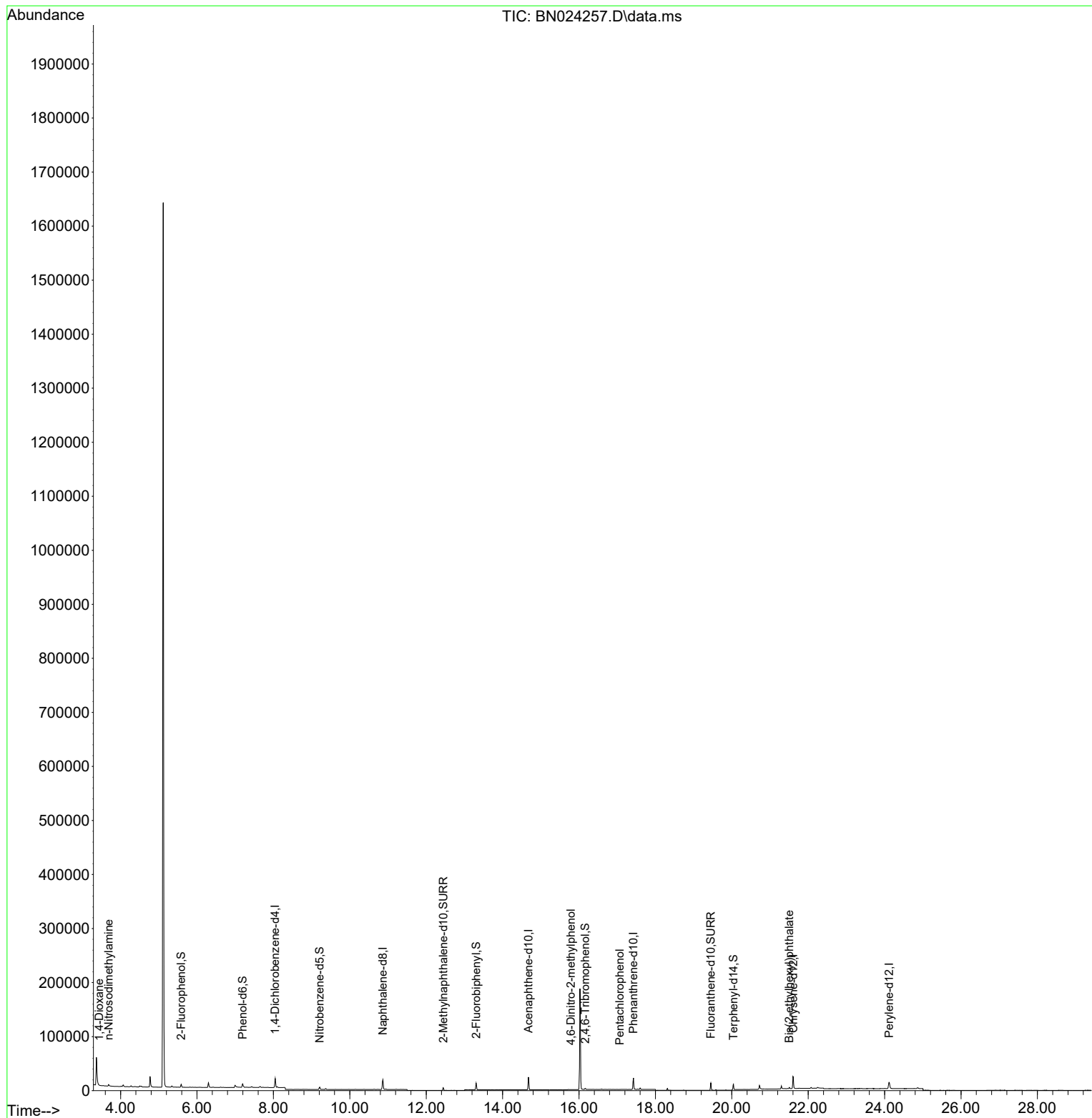
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7969	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	23755	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	12953	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	27799	0.400	ng	0.00
29) Chrysene-d12	21.610	240	22897	0.400	ng	0.00
35) Perylene-d12	24.117	264	20172	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4389	0.249	ng	0.00
5) Phenol-d6	7.195	99	6030	0.266	ng	0.00
8) Nitrobenzene-d5	9.211	82	3327	0.210	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	6528	0.224	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1043	0.158	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	9945	0.203	ng	0.00
27) Fluoranthene-d10	19.450	212	13751	0.233	ng	0.00
31) Terphenyl-d14	20.042	244	8072	0.209	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	332	0.038	ng	# 76
3) n-Nitrosodimethylamine	3.685	42	709	0.056	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.787	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	13	0.130	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.502	149	2571	0.071	ng	95

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

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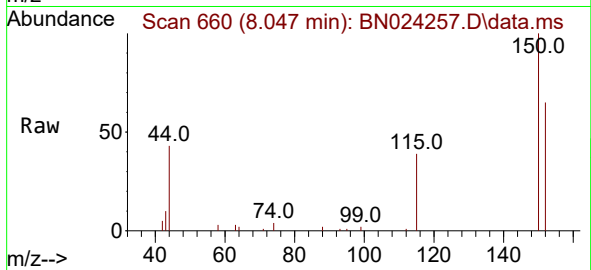
Quant Time: Mar 14 03:34:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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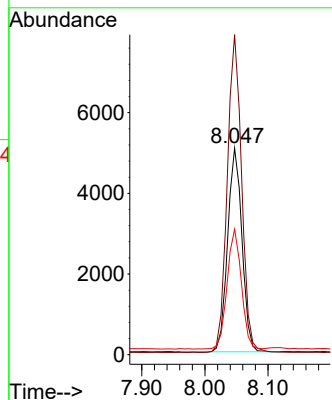
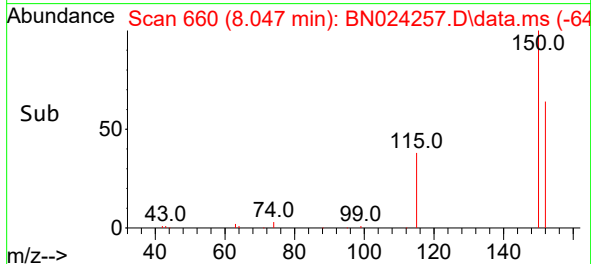


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. -0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-9.0-030823

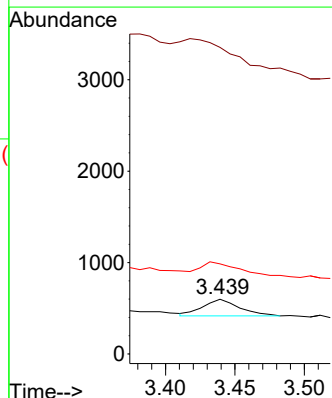
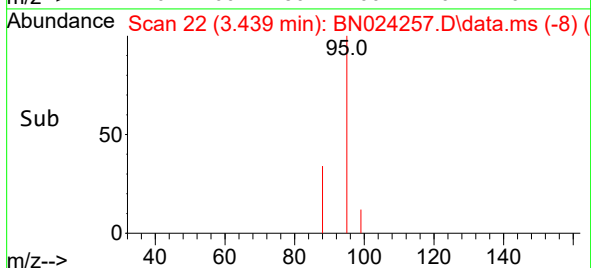
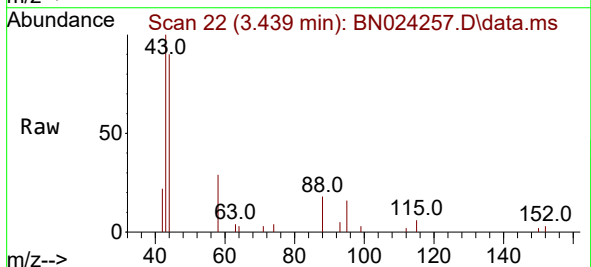


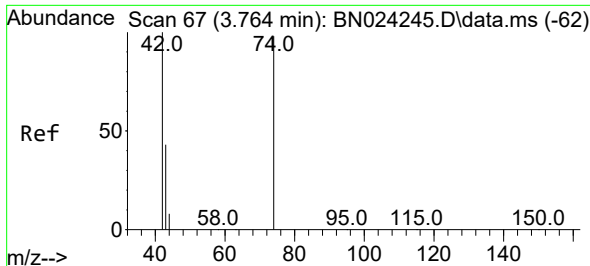
Tgt Ion:152 Resp: 7969
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.7 187.1
 115 60.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.439 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

Tgt Ion: 88 Resp: 332
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 91.6 67.3 100.9

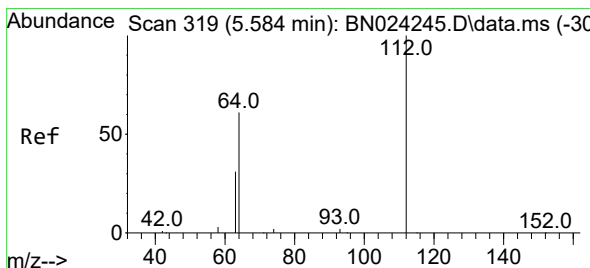
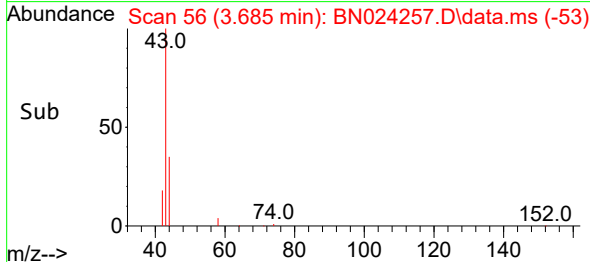
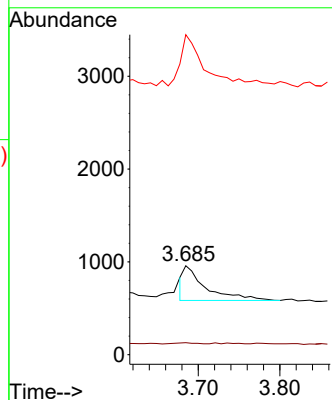
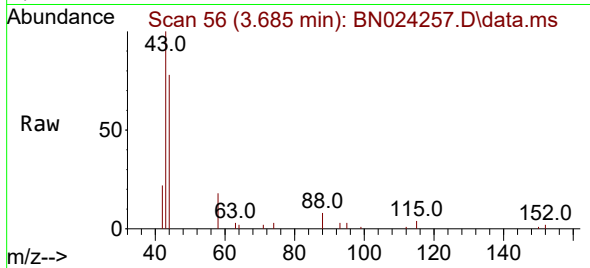




#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.685 min Scan# 50
Delta R.T. -0.079 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

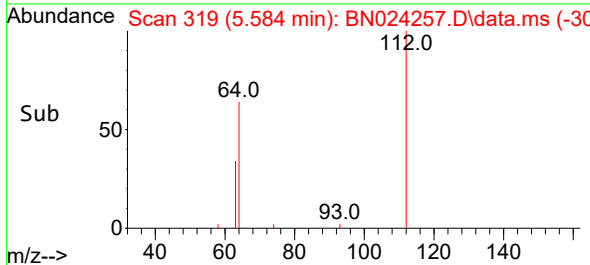
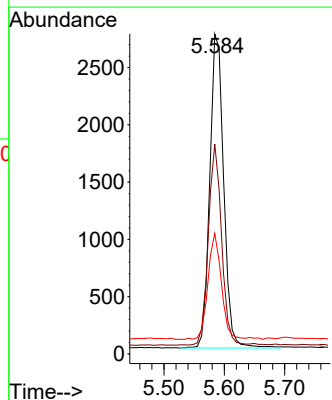
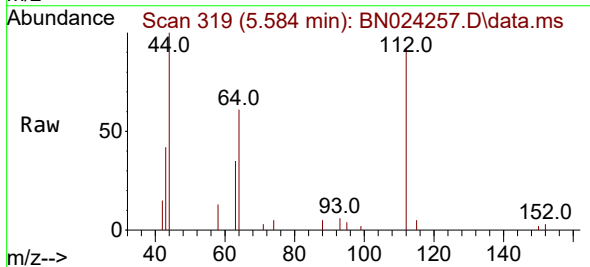
Instrument :
BNA_N
ClientSampleId :
CB-10-9.0-030823

Tgt Ion: 42 Resp: 709
Ion Ratio Lower Upper
42 100
74 0.0 81.6 122.4#
44 121.7 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.249 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

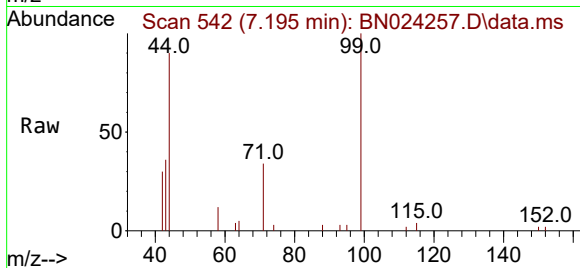
Tgt Ion: 112 Resp: 4389
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.6
63 32.4 25.7 38.5



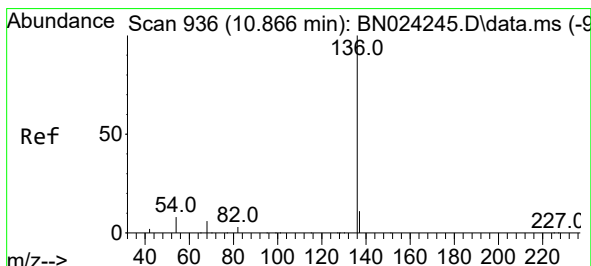
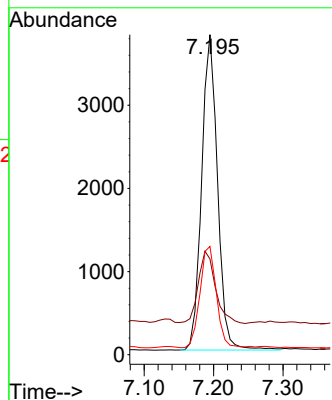
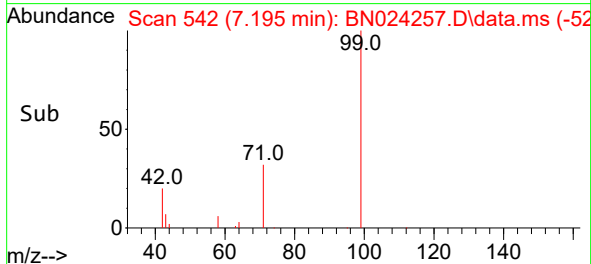


#5
Phenol-d6
Concen: 0.266 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

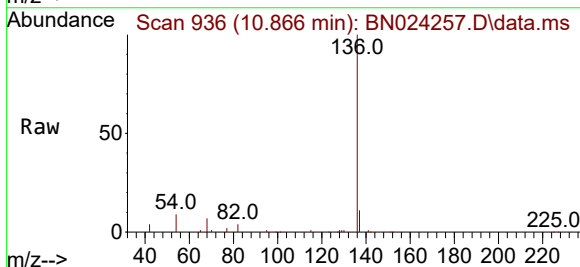
Instrument :
BNA_N
ClientSampleId :
CB-10-9.0-030823



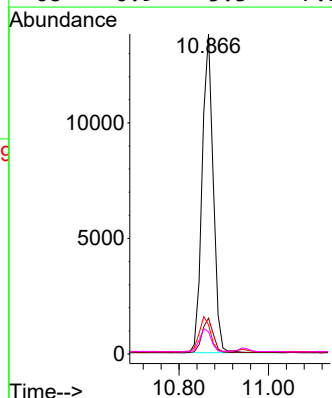
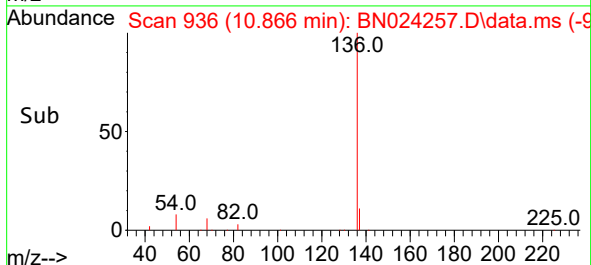
Tgt Ion:	99	Resp:	6030
Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.1	30.1
71	33.0	25.8	38.8

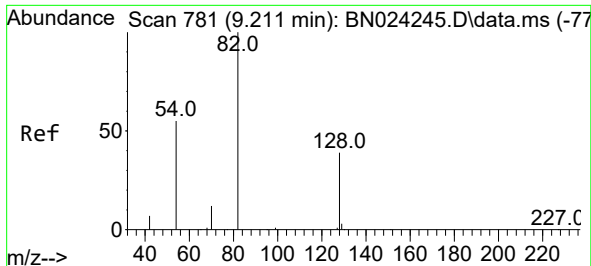


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26



Tgt Ion:	136	Resp:	23755
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	7.1	10.7
68	6.9	5.3	7.9

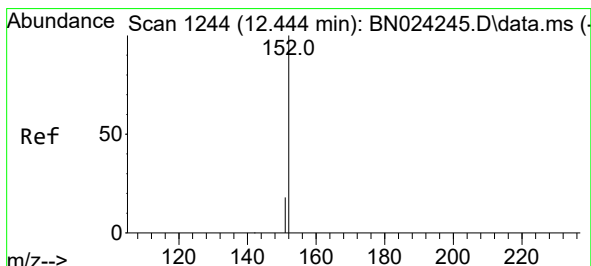
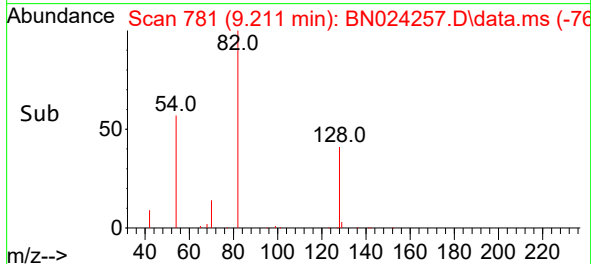
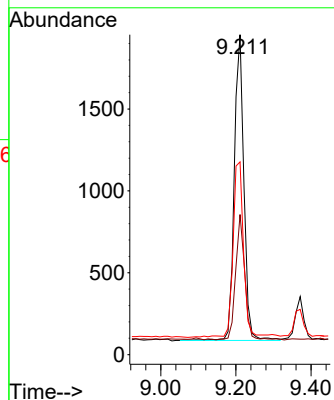
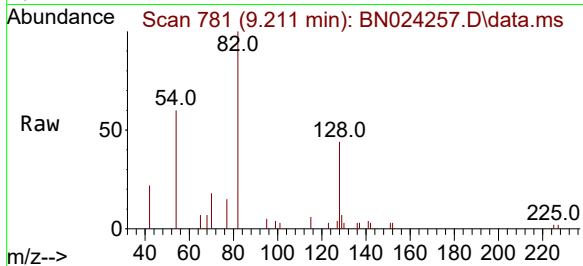




#8
 Nitrobenzene-d5
 Concen: 0.210 ng
 RT: 9.211 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

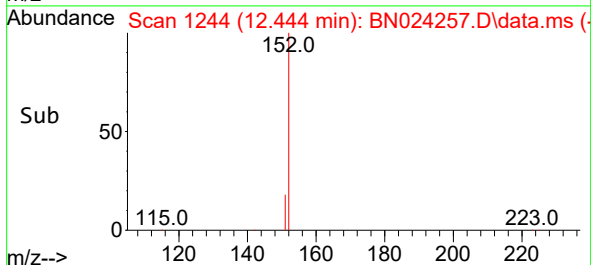
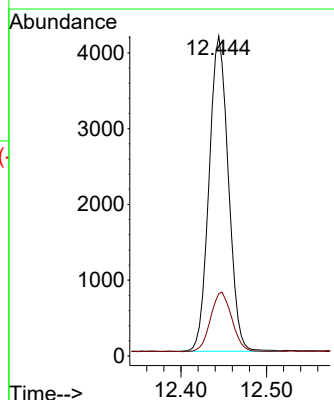
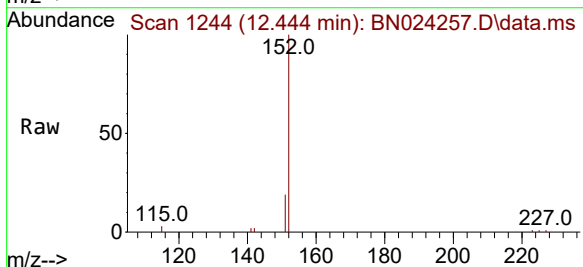
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-9.0-030823

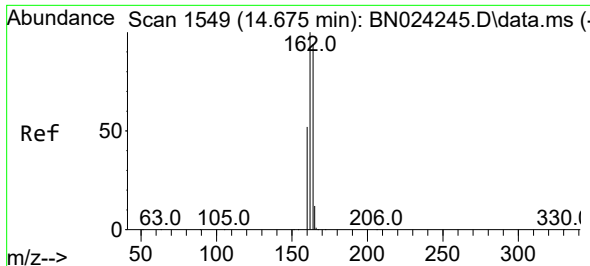
Tgt Ion: 82 Resp: 3327
 Ion Ratio Lower Upper
 82 100
 128 43.8 32.4 48.6
 54 60.2 45.2 67.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.224 ng
 RT: 12.444 min Scan# 1244
 Delta R.T. -0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

Tgt Ion: 152 Resp: 6528
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2

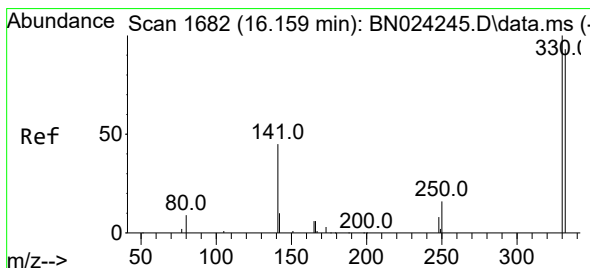
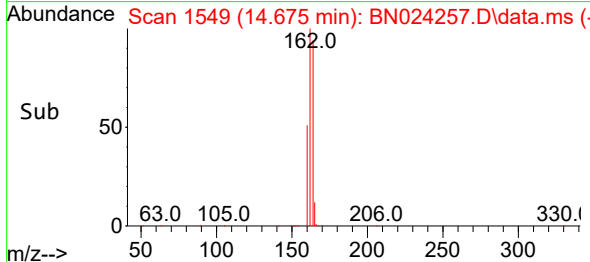
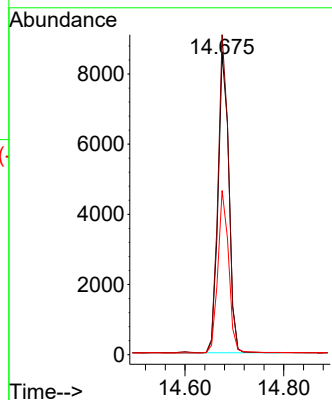
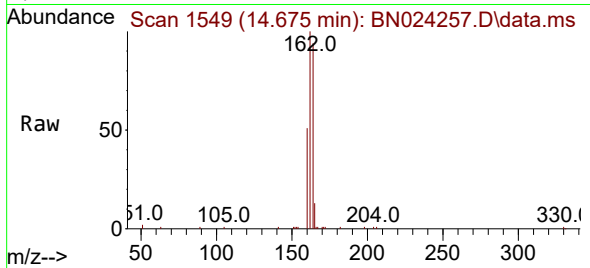




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

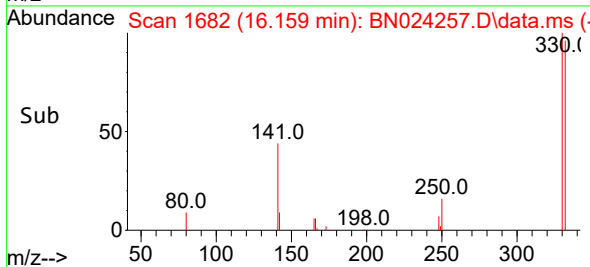
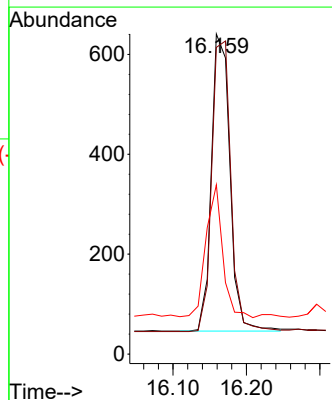
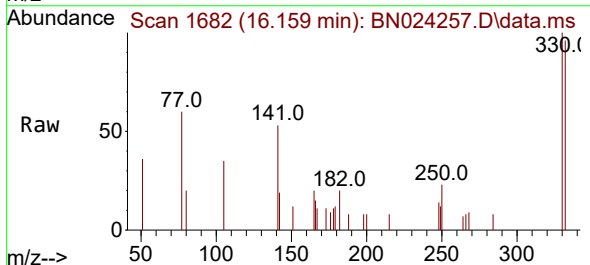
Instrument :
BNA_N
ClientSampleId :
CB-10-9.0-030823

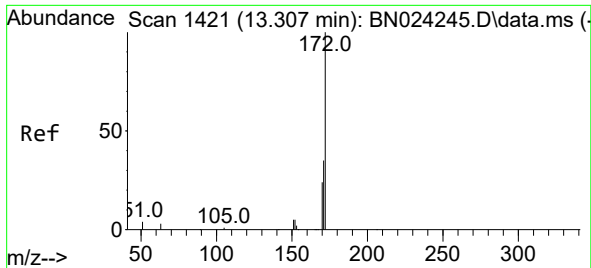
Tgt Ion:164 Resp: 12953
Ion Ratio Lower Upper
164 100
162 106.2 84.7 127.1
160 54.5 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

Tgt Ion:330 Resp: 1043
Ion Ratio Lower Upper
330 100
332 100.8 78.0 117.0
141 40.3 30.8 46.2

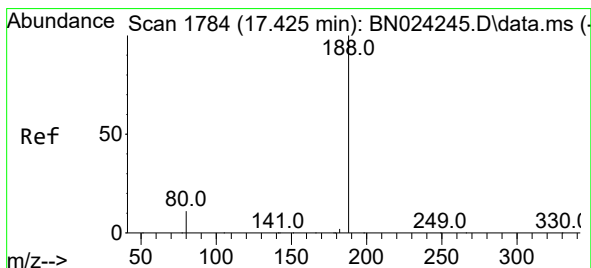
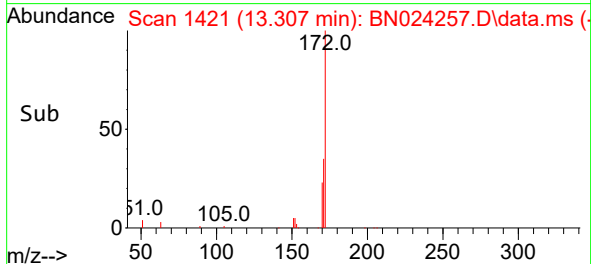
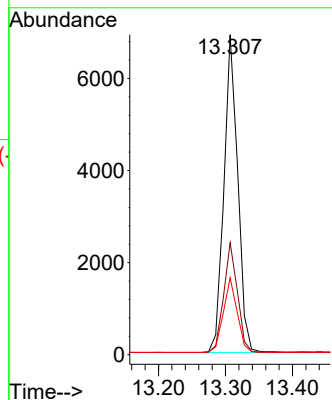
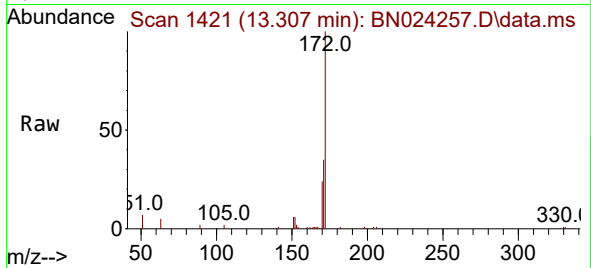




#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

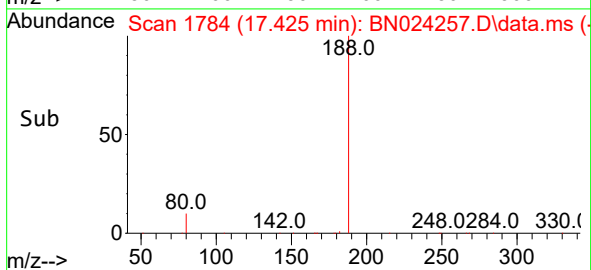
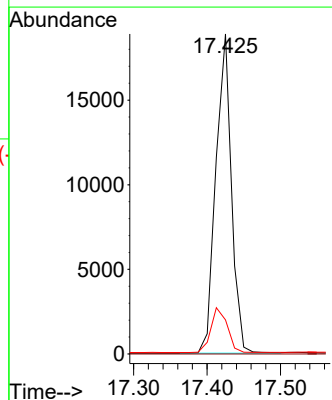
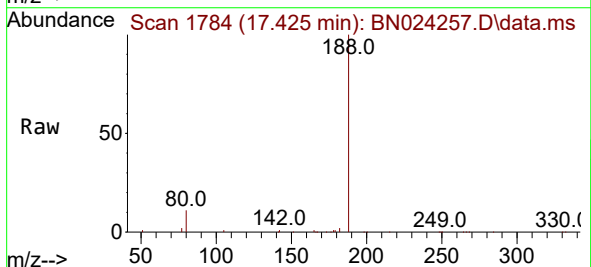
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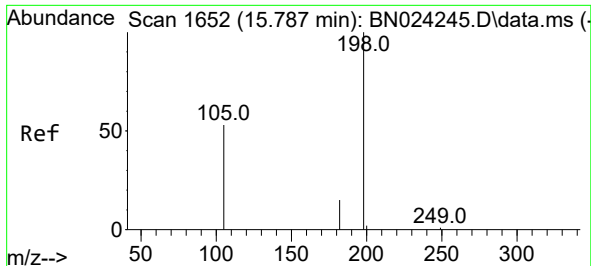
Tgt Ion:	172	Resp:	9945
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.8	41.8
170	24.0	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

Tgt Ion:	188	Resp:	27799
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.6	8.9	13.3

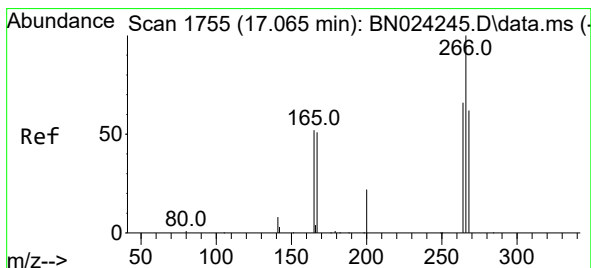
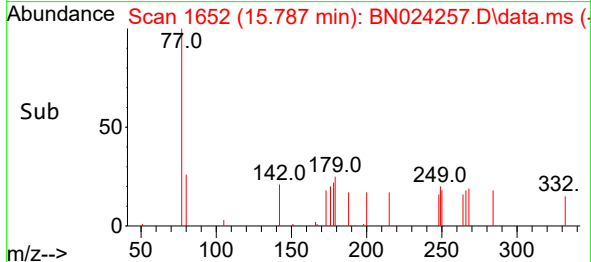
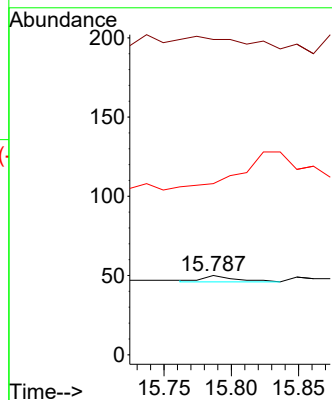
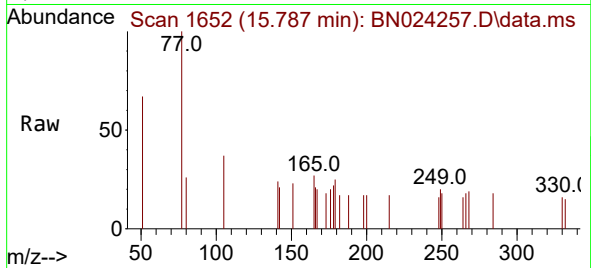




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

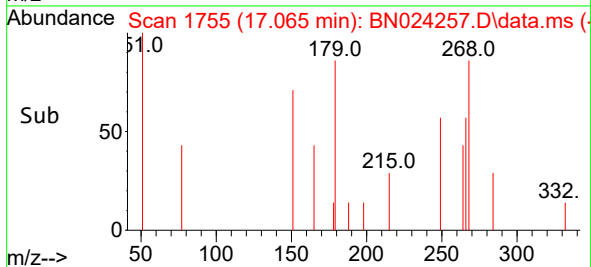
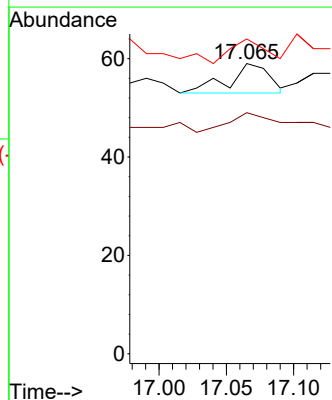
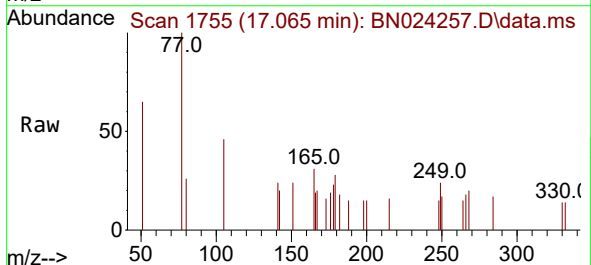
Instrument :
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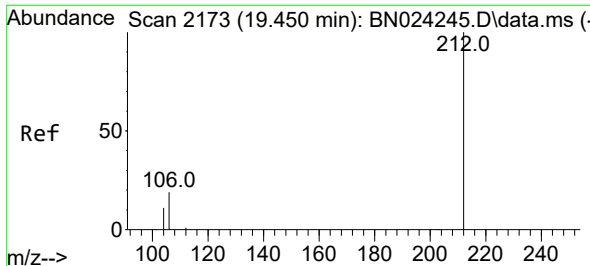
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 398.0 68.2 102.2#
105 216.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 100.0 51.1 76.7#
268 69.2 52.2 78.4

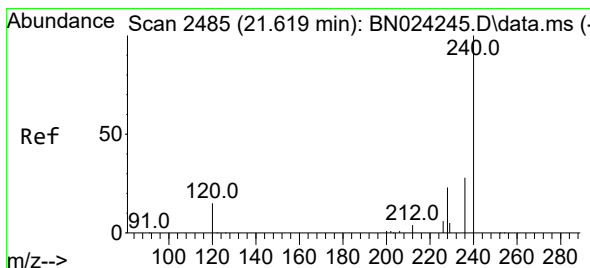
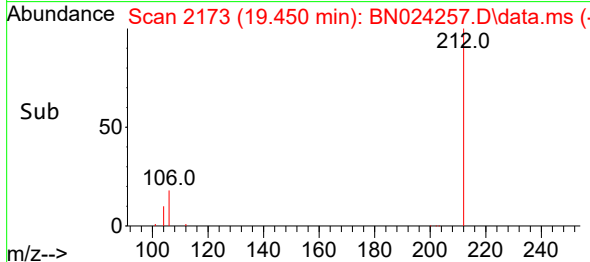
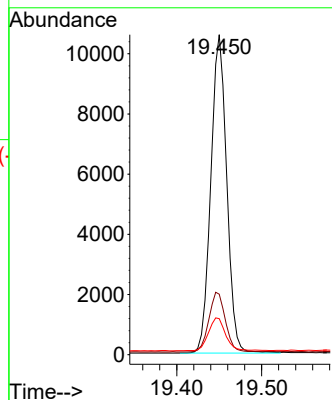
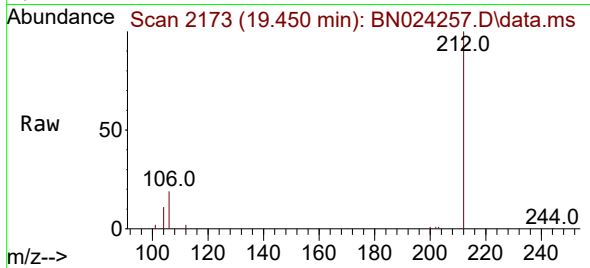




#27
Fluoranthene-d10
Concen: 0.233 ng
RT: 19.450 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

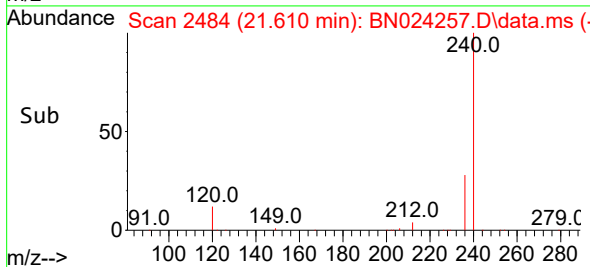
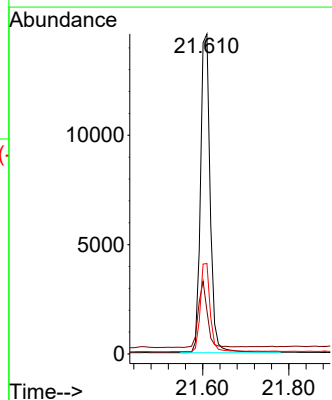
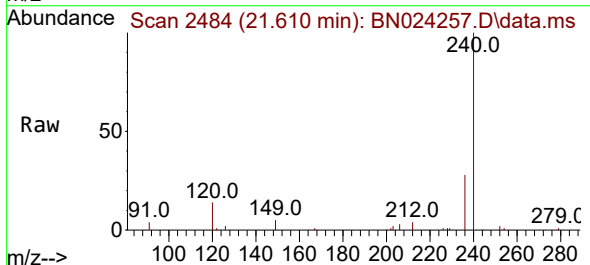
Instrument :
BNA_N
ClientSampleId :
CB-10-9.0-030823

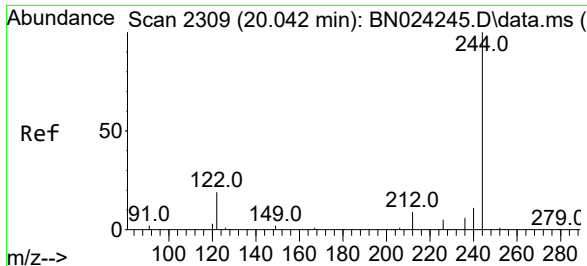
Tgt Ion:212 Resp: 13751
Ion Ratio Lower Upper
212 100
106 19.5 15.4 23.2
104 11.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN024257.D
Acq: 13 Mar 2023 22:26

Tgt Ion:240 Resp: 22897
Ion Ratio Lower Upper
240 100
120 13.6 12.8 19.2
236 28.3 22.5 33.7

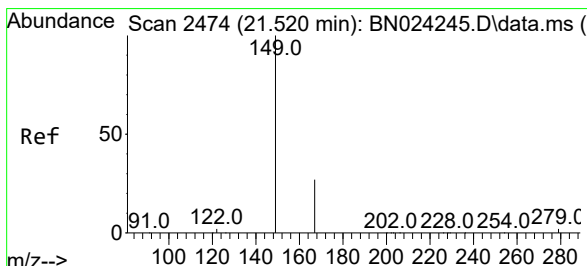
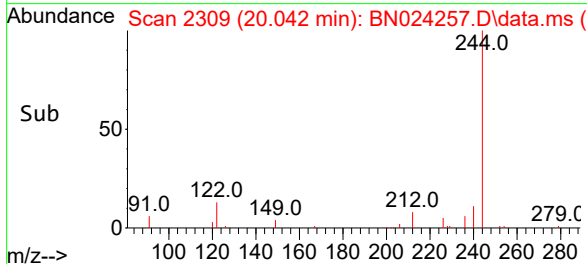
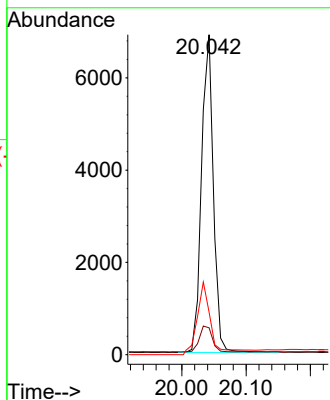
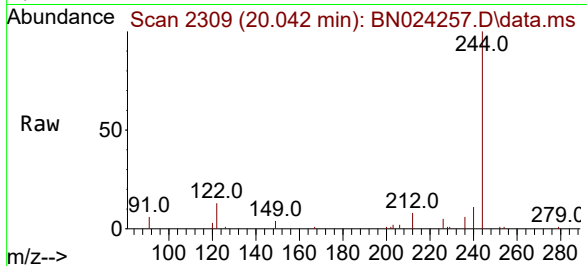




#31
 Terphenyl-d14
 Concen: 0.209 ng
 RT: 20.042 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

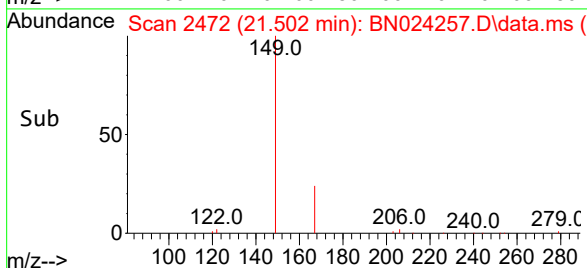
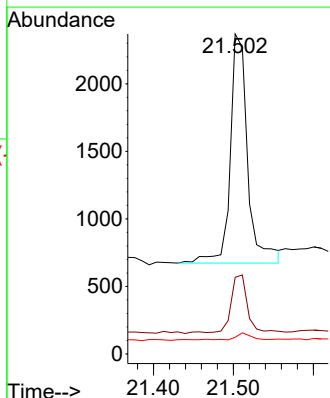
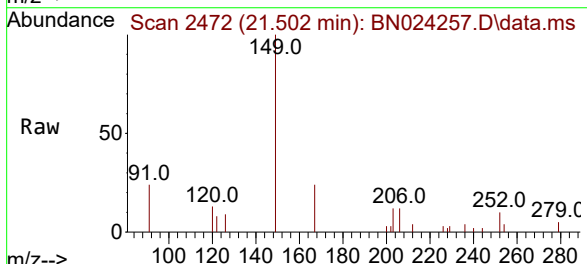
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-9.0-030823

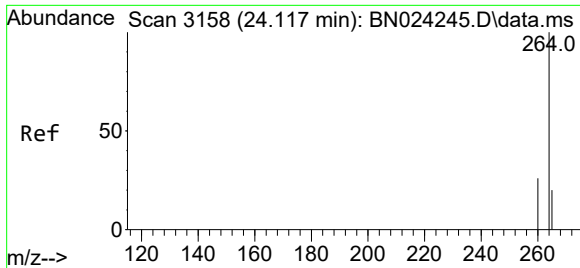
Tgt Ion:244 Resp: 8072
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 13.3 15.1 22.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.502 min Scan# 2472
 Delta R.T. -0.018 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

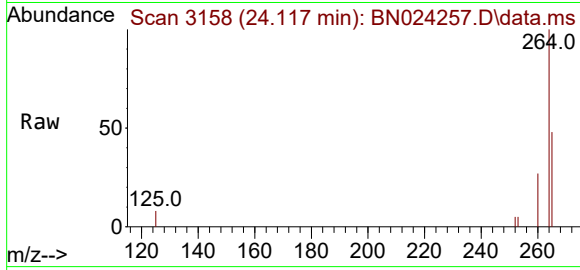
Tgt Ion:149 Resp: 2571
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.2 31.8
 279 2.5 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN024257.D
 Acq: 13 Mar 2023 22:26

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-9.0-030823



Tgt Ion:264 Resp: 20172
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.2
 265 48.1 35.7 53.5

