

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024269.D
 Acq On : 14 Mar 2023 07:36
 Operator : CG/JU
 Sample : 01849-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-40.0-030823

Quant Time: Mar 14 08:05:50 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)

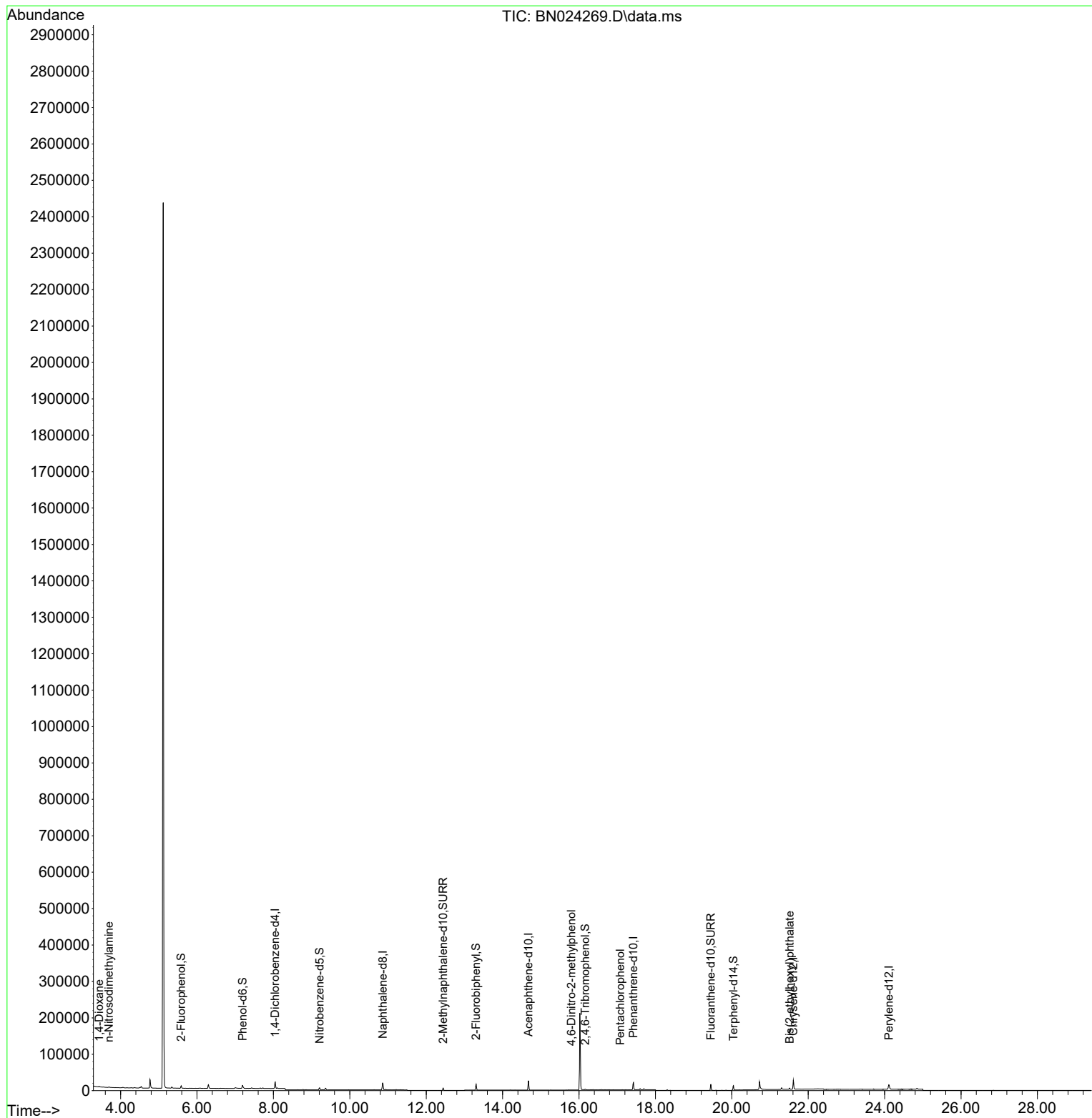
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8782	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	25757	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	13328	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	27857	0.400	ng	0.00
29) Chrysene-d12	21.610	240	22643	0.400	ng	# 0.00
35) Perylene-d12	24.111	264	19736	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	5381	0.277	ng	0.00
5) Phenol-d6	7.195	99	7448	0.298	ng	0.00
8) Nitrobenzene-d5	9.211	82	4595	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	8851	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	849	0.125	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	13161	0.261	ng	0.00
27) Fluoranthene-d10	19.450	212	16868	0.286	ng	0.00
31) Terphenyl-d14	20.043	244	9840	0.258	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.439	88	1251	0.131	ng	# 81
3) n-Nitrosodimethylamine	3.692	42	689	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.799	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.078	266	18	0.130	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.511	149	3107	0.087	ng	96

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

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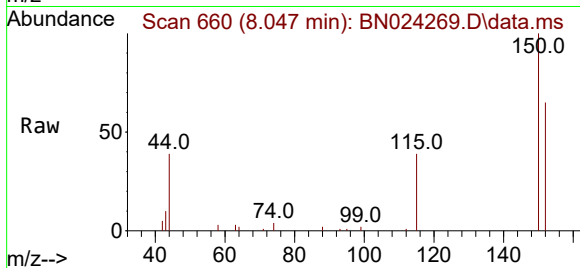
Quant Time: Mar 14 08:05:50 2023
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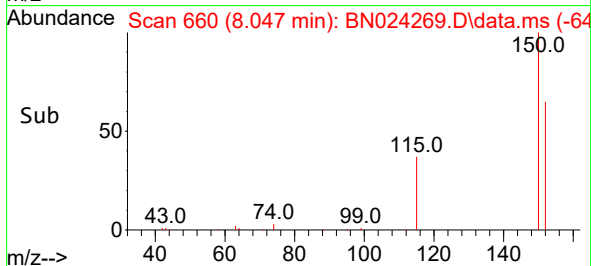
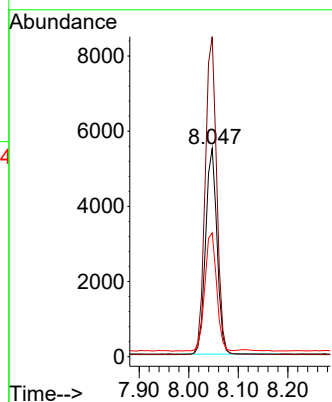
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024269.D
 Acq: 14 Mar 2023 07:36

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-40.0-030823



Tgt Ion:152 Resp: 8782

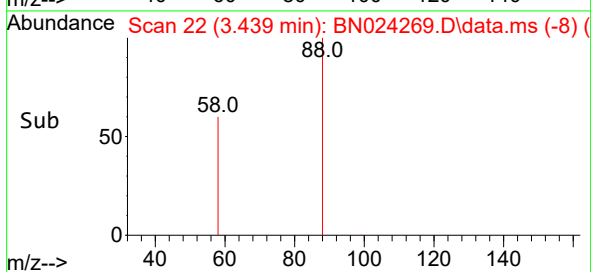
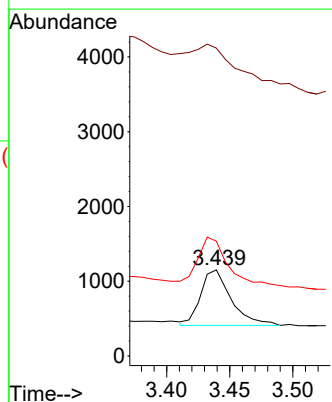
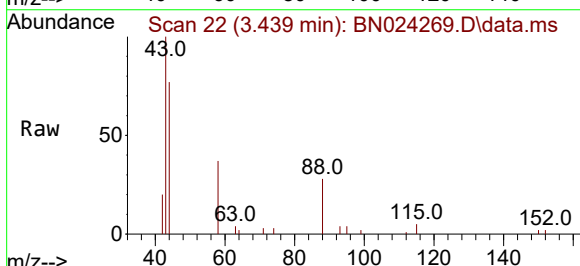
Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	59.5	49.1	73.7

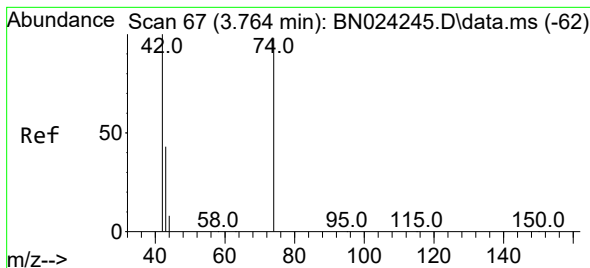


#2
 1,4-Dioxane
 Concen: 0.131 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024269.D
 Acq: 14 Mar 2023 07:36

Tgt Ion: 88 Resp: 1251

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	83.2	67.3	100.9





#3

n-Nitrosodimethylamine

Concen: 0.049 ng

RT: 3.692 min Scan# 51

Delta R.T. -0.072 min

Lab File: BN024269.D

Acq: 14 Mar 2023 07:36

Instrument :

BNA_N

ClientSampleId :

CB-10-40.0-030823

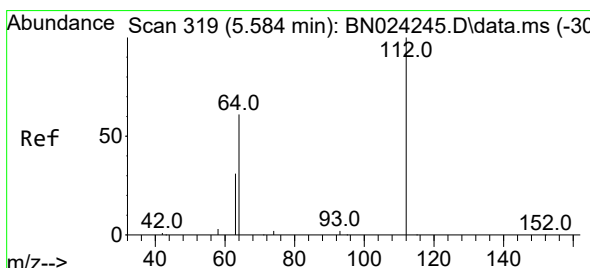
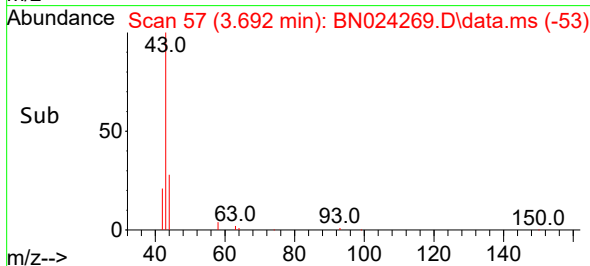
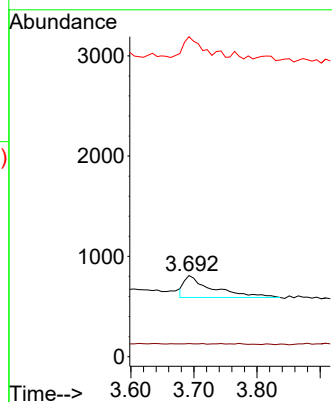
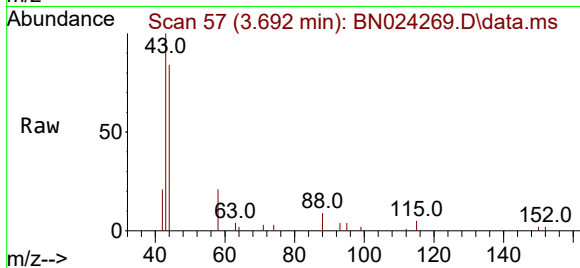
Tgt Ion: 42 Resp: 689

Ion Ratio Lower Upper

42 100

74 0.0 81.6 122.4#

44 43.8 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.277 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN024269.D

Acq: 14 Mar 2023 07:36

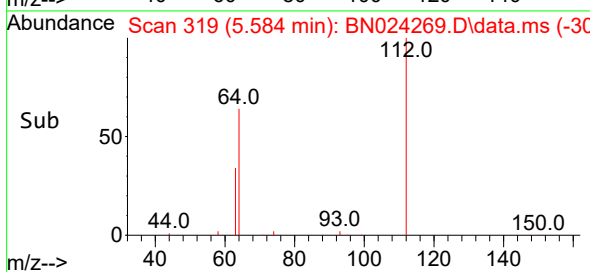
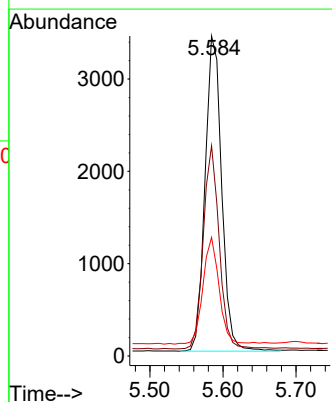
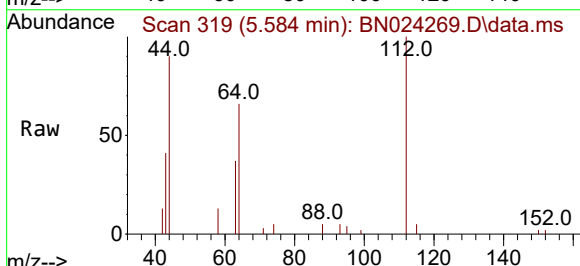
Tgt Ion: 112 Resp: 5381

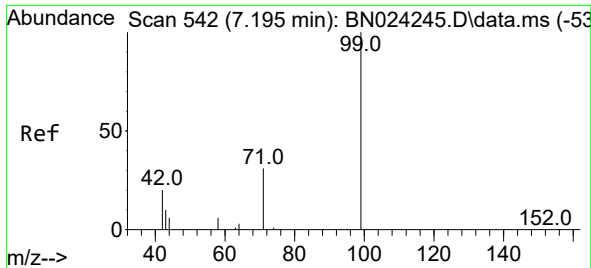
Ion Ratio Lower Upper

112 100

64 62.2 49.0 73.6

63 32.9 25.7 38.5

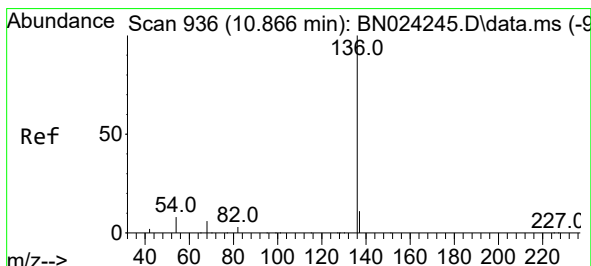
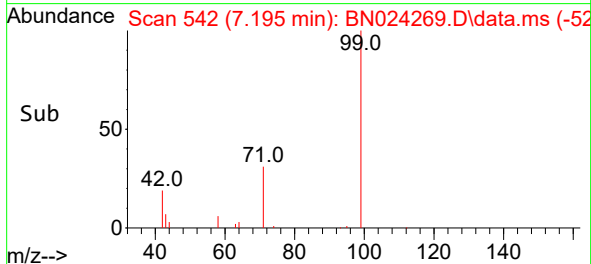
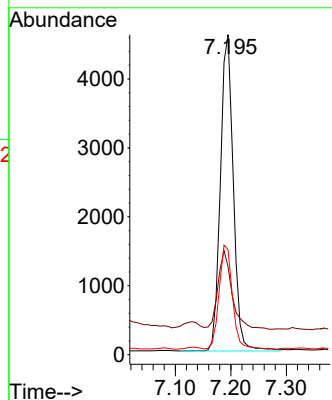
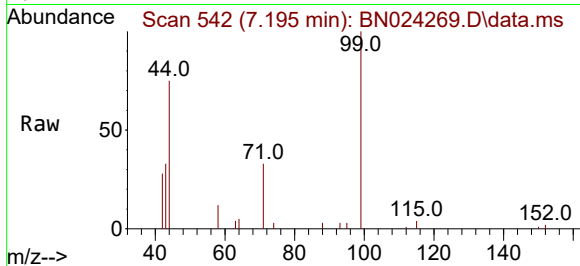




#5
Phenol-d6
Concen: 0.298 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

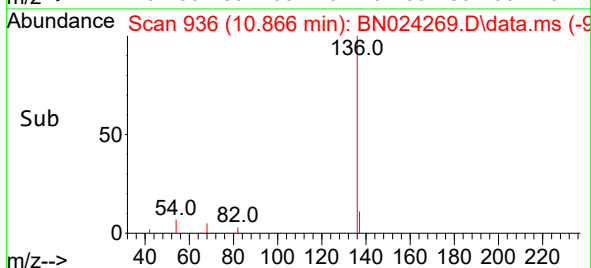
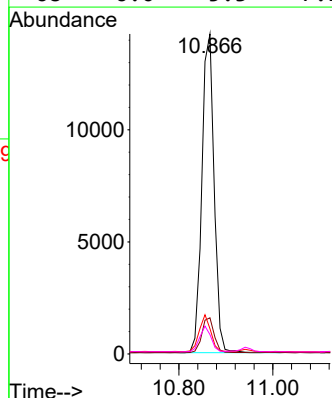
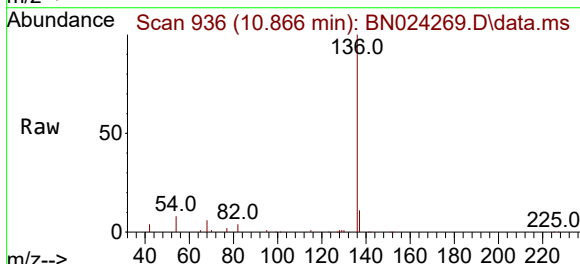
Instrument :
BNA_N
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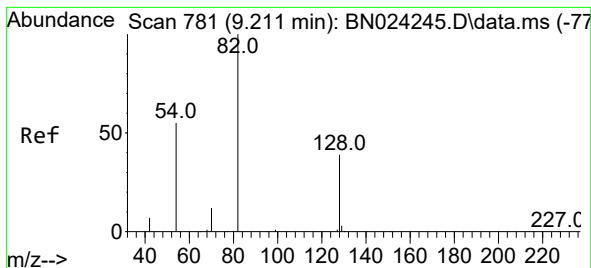
Tgt Ion: 99 Resp: 7448
Ion Ratio Lower Upper
99 100
42 27.0 20.1 30.1
71 34.1 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

Tgt Ion: 136 Resp: 25757
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 7.1 10.7
68 6.0 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.267 ng

RT: 9.211 min Scan# 781

Delta R.T. 0.000 min

Lab File: BN024269.D

Acq: 14 Mar 2023 07:36

Instrument :

BNA_N

ClientSampleId :

CB-10-40.0-030823

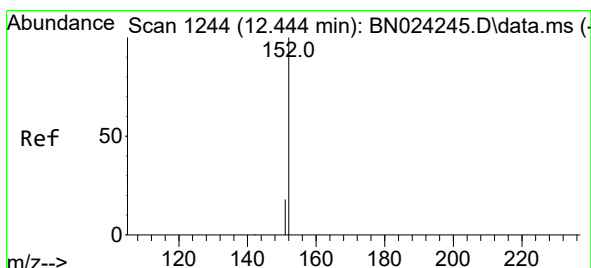
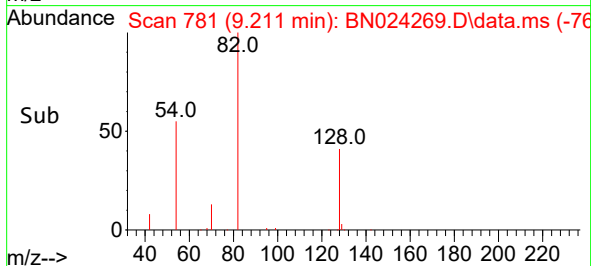
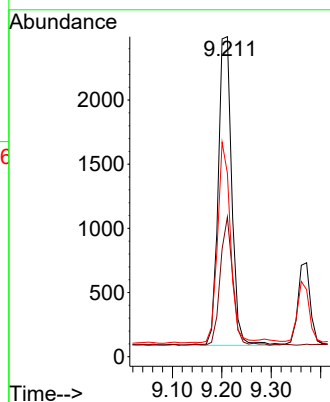
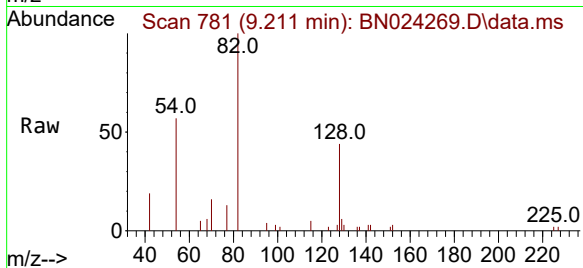
Tgt Ion: 82 Resp: 4595

Ion Ratio Lower Upper

82 100

128 43.6 32.4 48.6

54 57.3 45.2 67.8



#11

2-Methylnaphthalene-d10

Concen: 0.280 ng

RT: 12.441 min Scan# 1243

Delta R.T. -0.004 min

Lab File: BN024269.D

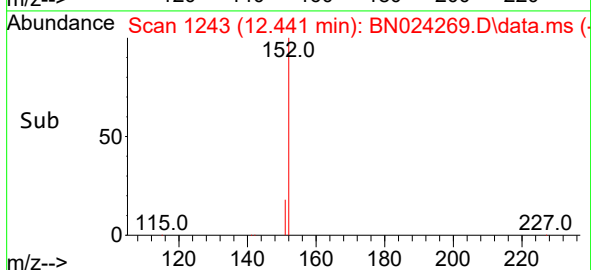
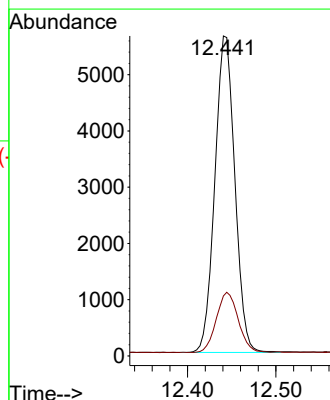
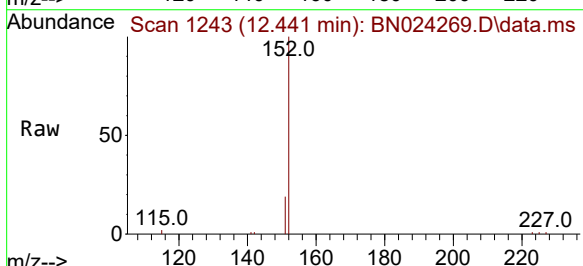
Acq: 14 Mar 2023 07:36

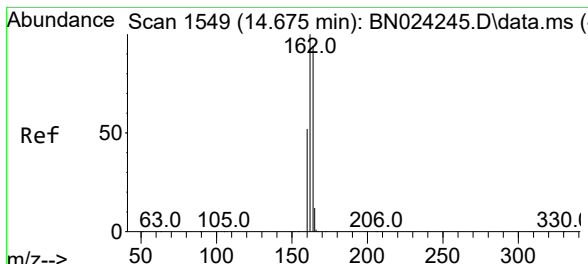
Tgt Ion: 152 Resp: 8851

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

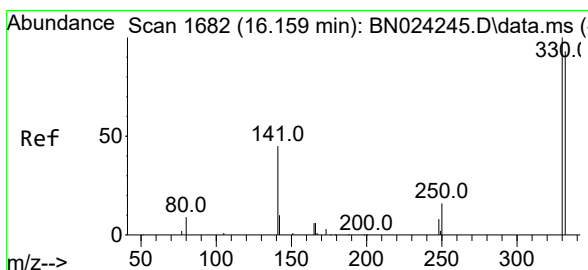
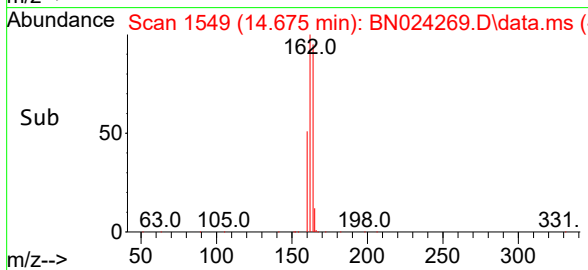
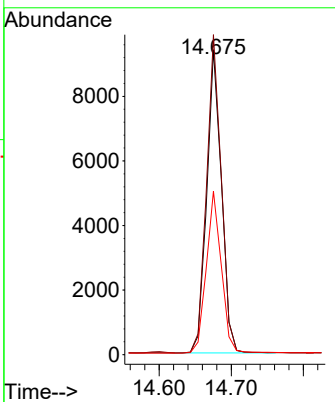
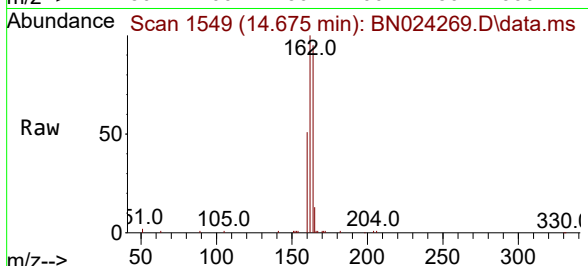




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024269.D
 Acq: 14 Mar 2023 07:36

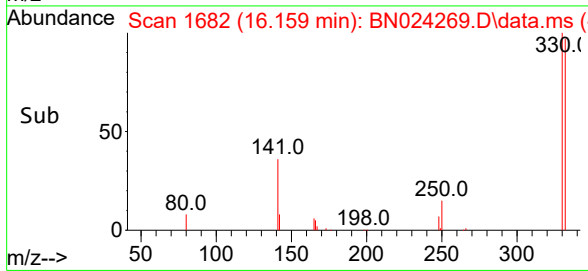
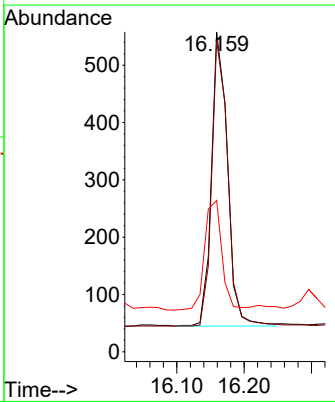
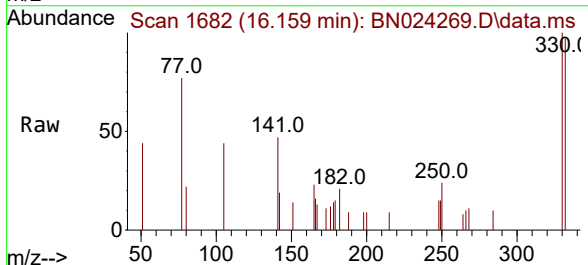
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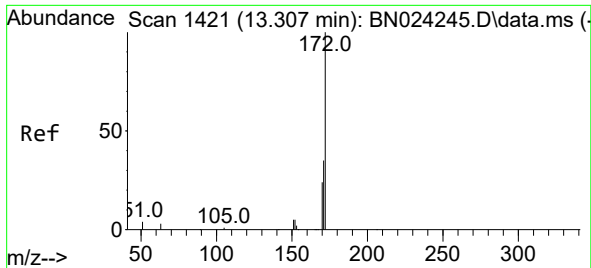
Tgt Ion:	164	Resp:	13328
Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.7	127.1
160	53.6	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.125 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024269.D
 Acq: 14 Mar 2023 07:36

Tgt Ion:	330	Resp:	849
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	40.0	30.8	46.2

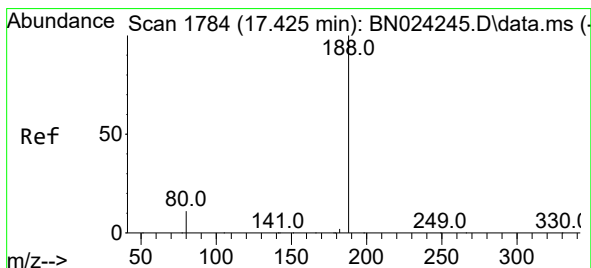
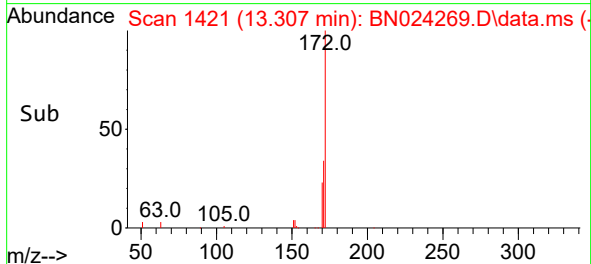
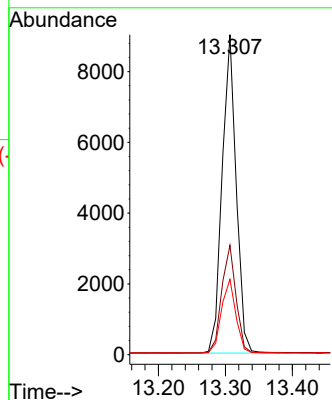
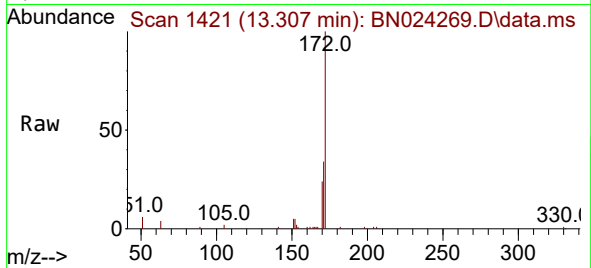




#15
2-Fluorobiphenyl
Concen: 0.261 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

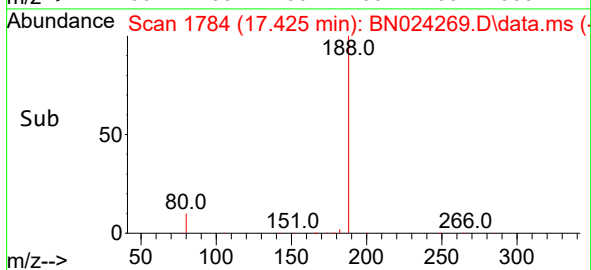
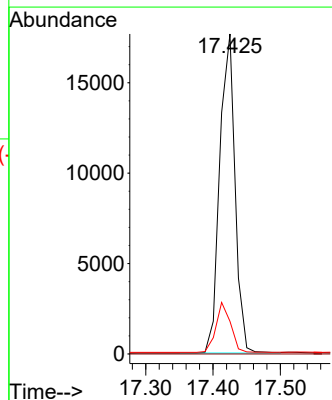
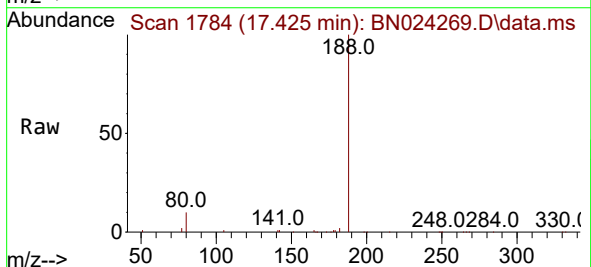
Instrument :
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ClientSampleId :
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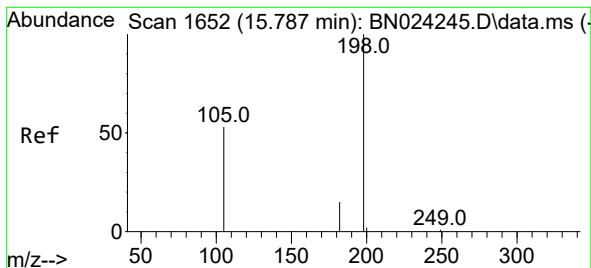
Tgt Ion:	172	Resp:	13161
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.8	41.8
170	23.5	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

Tgt Ion:	188	Resp:	27857
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	8.9	13.3

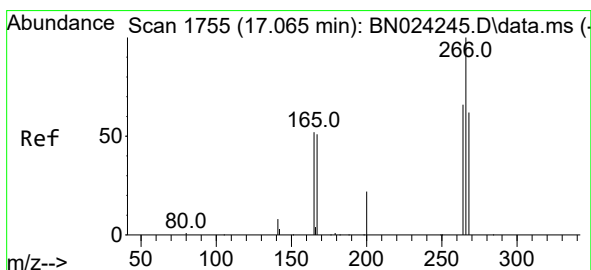
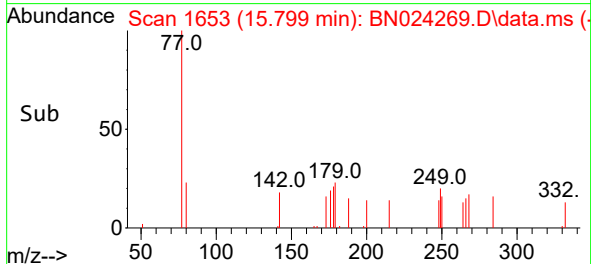
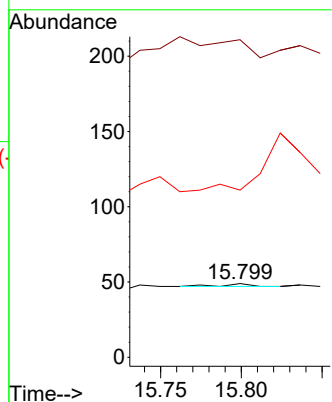
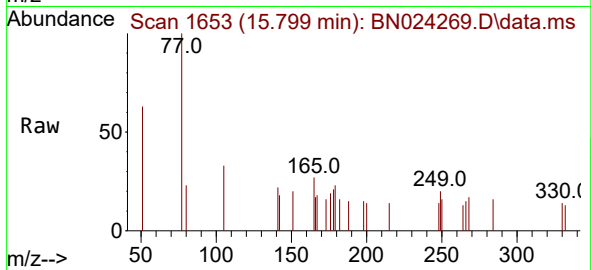




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

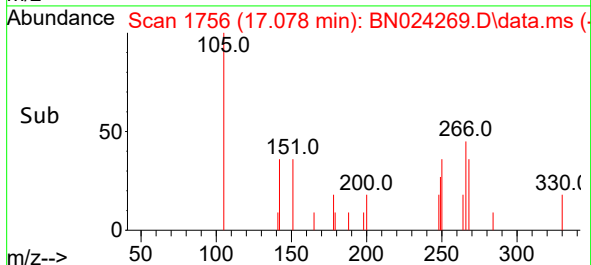
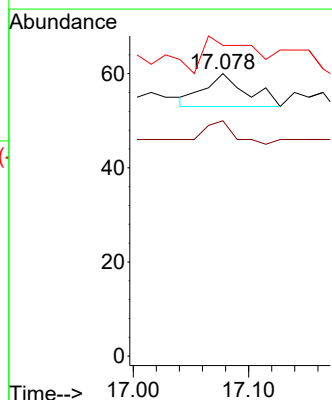
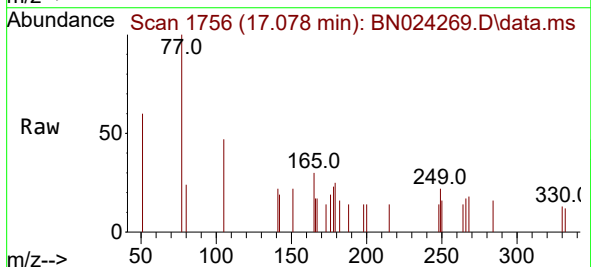
Instrument :
BNA_N
ClientSampleId :
CB-10-40.0-030823

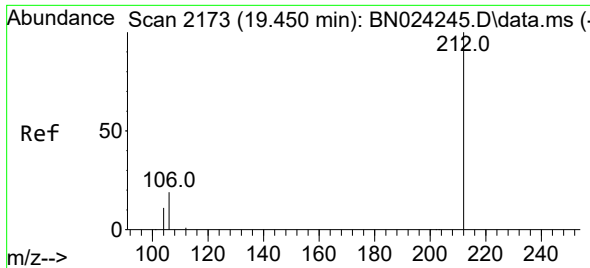
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 430.6 68.2 102.2#
105 226.5 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.078 min Scan# 1756
Delta R.T. 0.013 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

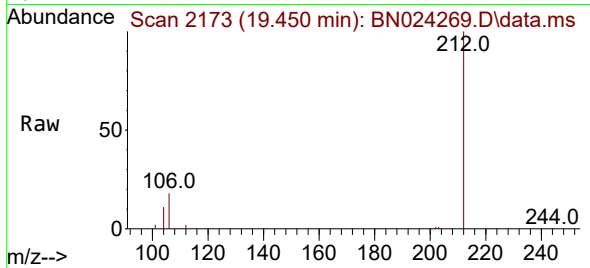
Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 50.0 51.1 76.7#
268 122.2 52.2 78.4#



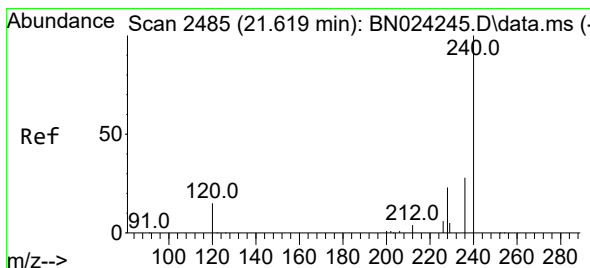
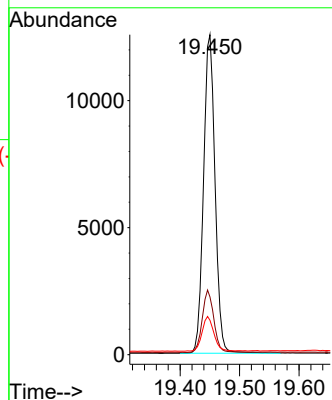
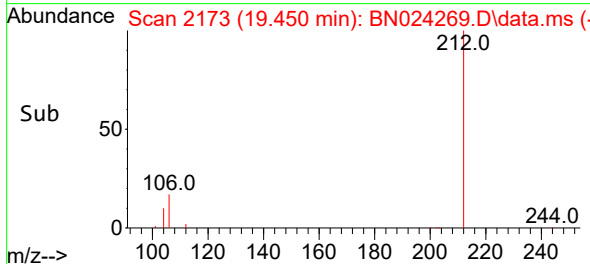


#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

Instrument :
BNA_N
ClientSampleId :
CB-10-40.0-030823

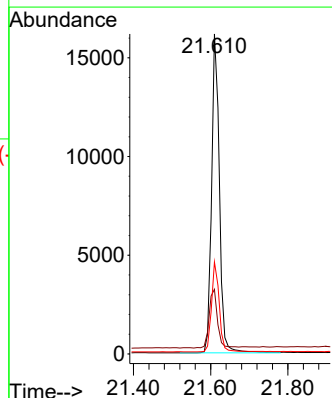
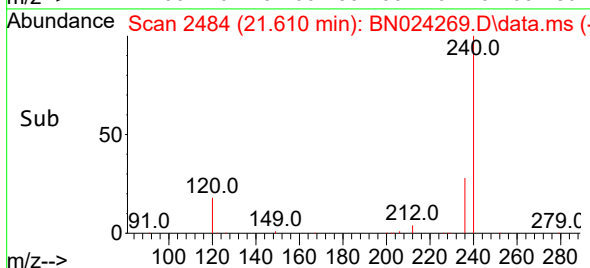
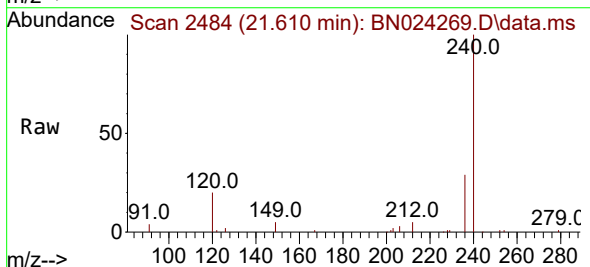


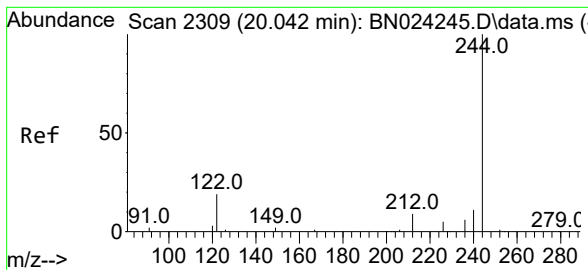
Tgt Ion:212 Resp: 16868
Ion Ratio Lower Upper
212 100
106 19.6 15.4 23.2
104 11.2 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN024269.D
Acq: 14 Mar 2023 07:36

Tgt Ion:240 Resp: 22643
Ion Ratio Lower Upper
240 100
120 20.2 12.8 19.2#
236 28.7 22.5 33.7





#31

Terphenyl-d14

Concen: 0.258 ng

RT: 20.043 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024269.D

Acq: 14 Mar 2023 07:36

Instrument :

BNA_N

ClientSampleId :

CB-10-40.0-030823

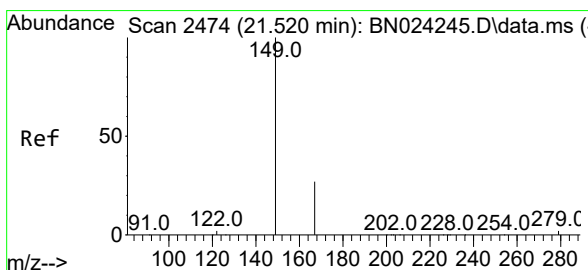
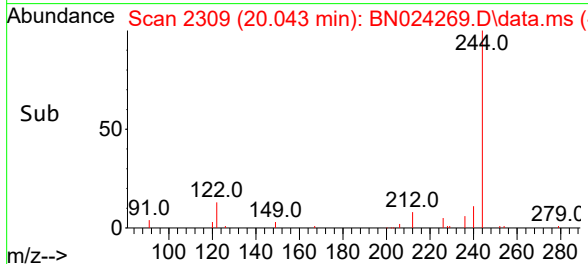
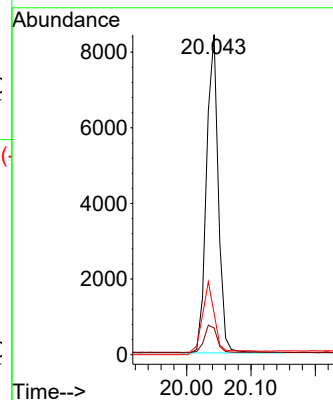
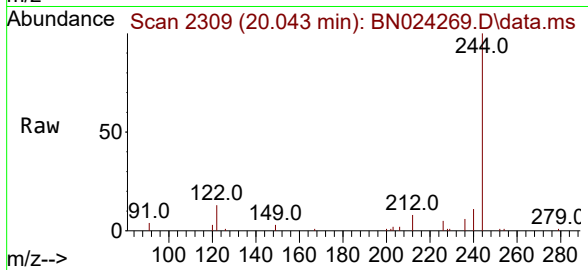
Tgt Ion:244 Resp: 9840

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 12.9 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.511 min Scan# 2473

Delta R.T. -0.009 min

Lab File: BN024269.D

Acq: 14 Mar 2023 07:36

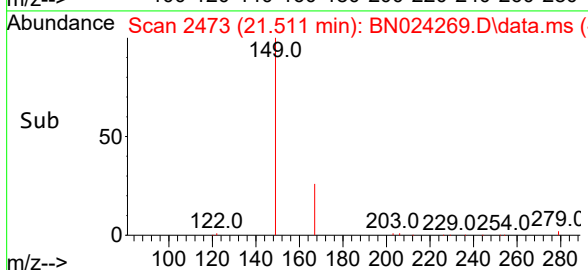
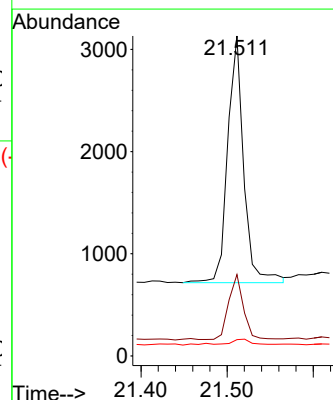
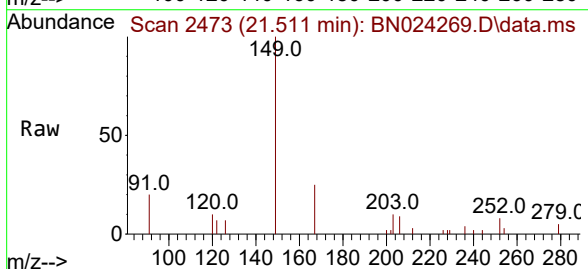
Tgt Ion:149 Resp: 3107

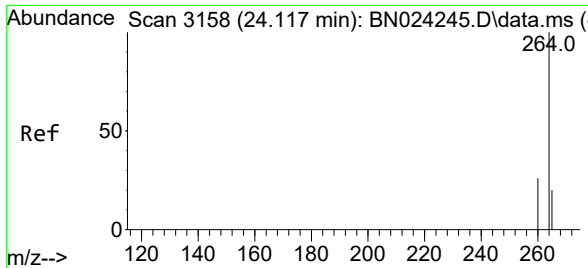
Ion Ratio Lower Upper

149 100

167 24.0 21.2 31.8

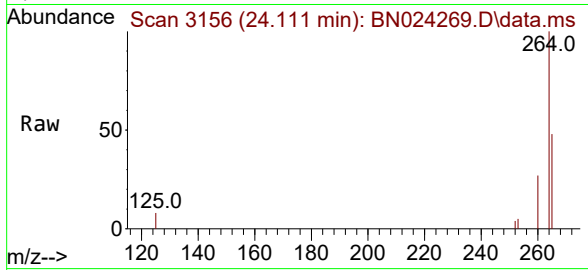
279 2.3 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.111 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN024269.D
 Acq: 14 Mar 2023 07:36

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-40.0-030823



Tgt Ion:264 Resp: 19736
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.2
 265 47.9 35.7 53.5

