

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024336.D
 Acq On : 17 Mar 2023 07:37
 Operator : CG/JU
 Sample : PB151416BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB151416BL

Quant Time: Mar 17 08:11:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

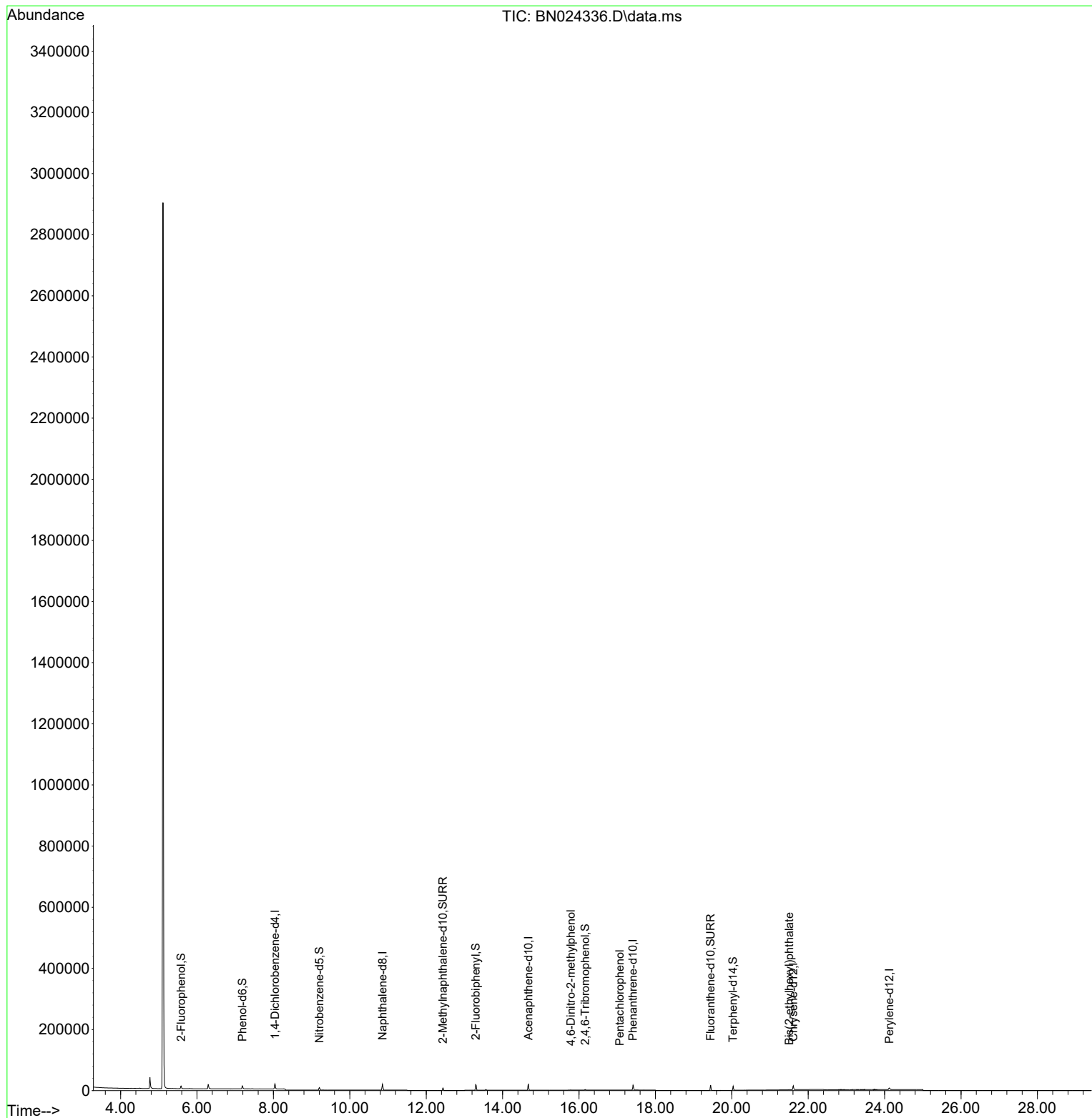
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8168	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	23838	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10690	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	21230	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	12850	0.400	ng	0.00
35) Perylene-d12	24.123	264	9505	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	7015	0.388	ng	0.00
5) Phenol-d6	7.188	99	8727	0.376	ng	0.00
8) Nitrobenzene-d5	9.201	82	6802	0.427	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	11367	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	991	0.181	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	16591	0.411	ng	-0.01
27) Fluoranthene-d10	19.446	212	17761	0.395	ng	0.00
31) Terphenyl-d14	20.034	244	9554	0.441	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.787	198	9	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	28	0.131	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.502	149	629	0.031	ng	# 78

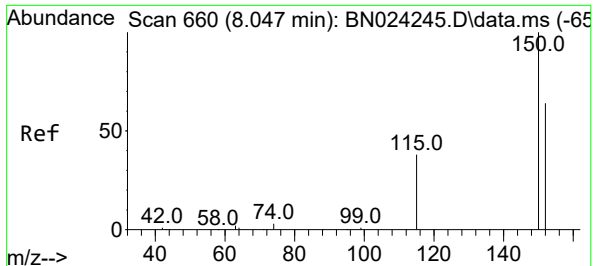
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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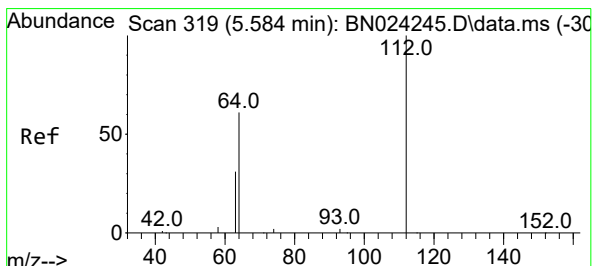
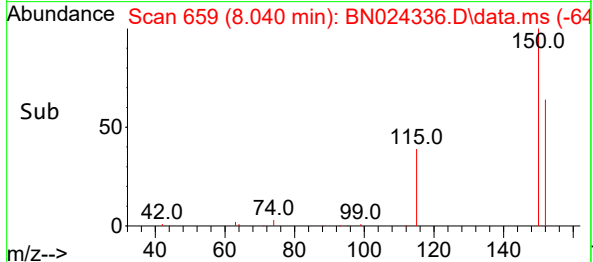
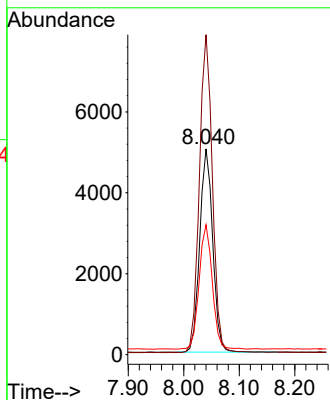
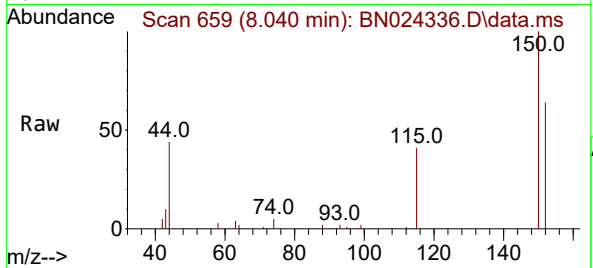




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 660
Delta R.T. -0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

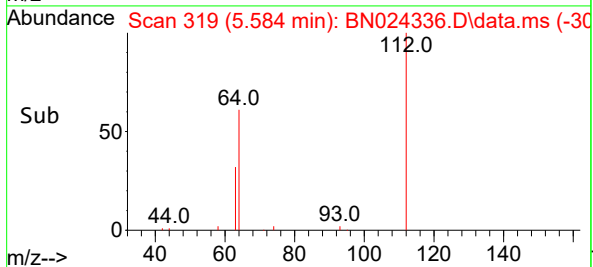
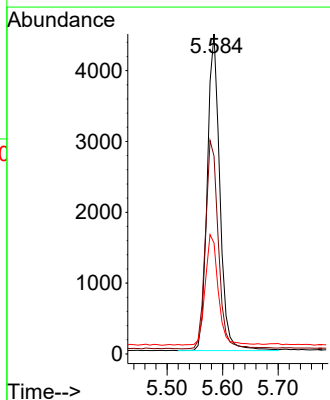
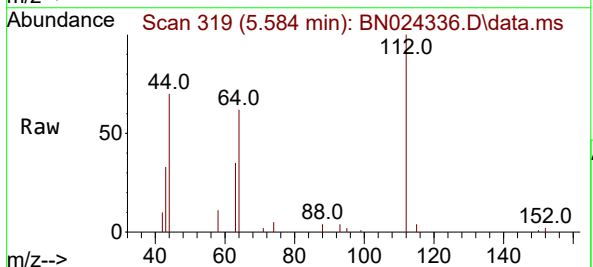
Instrument :
BNA_N
ClientSampleId :
PB151416BL

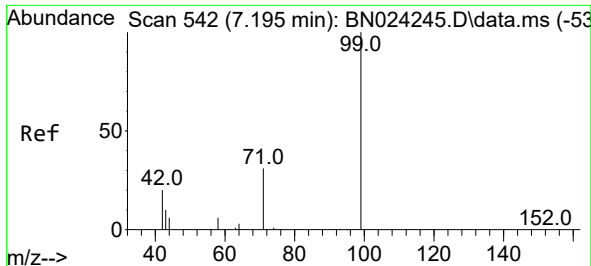
Tgt Ion:152 Resp: 8168
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 63.1 49.1 73.7



#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

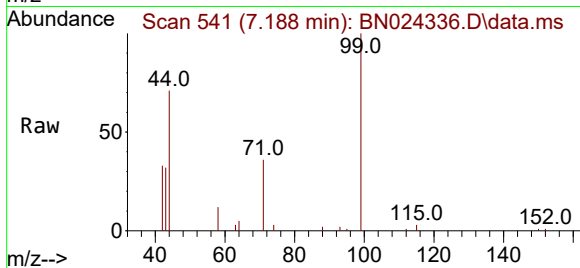
Tgt Ion:112 Resp: 7015
Ion Ratio Lower Upper
112 100
64 68.2 49.0 73.6
63 36.0 25.7 38.5





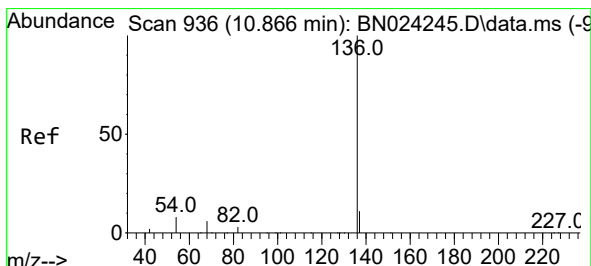
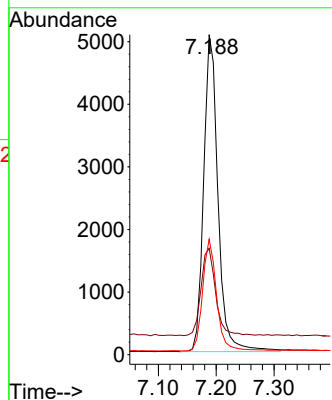
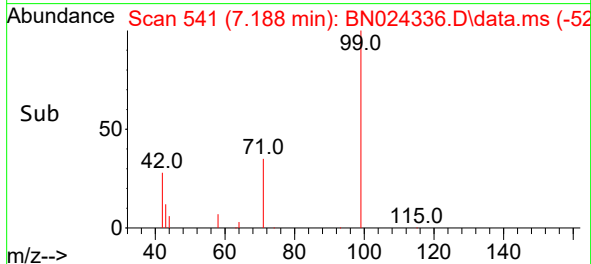
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

Instrument :
BNA_N
ClientSampleId :
PB151416BL

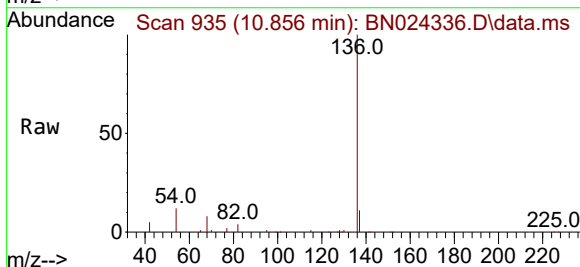


Tgt Ion: 99 Resp: 8727

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.1	30.1
71	34.6	25.8	38.8

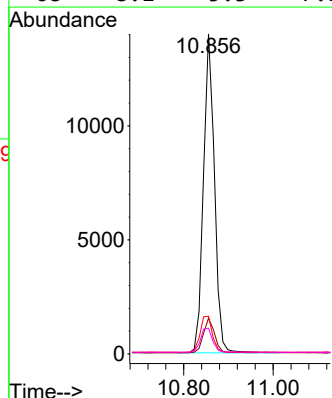
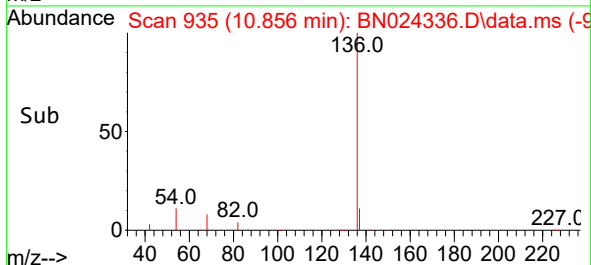


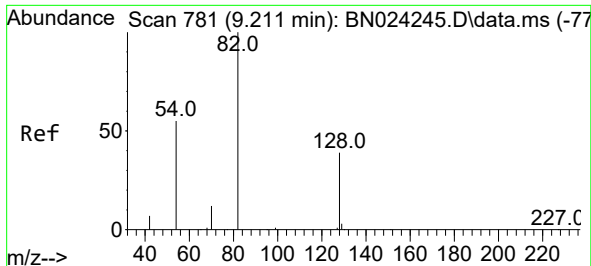
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37



Tgt Ion: 136 Resp: 23838

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.8	7.1	10.7#
68	8.1	5.3	7.9#

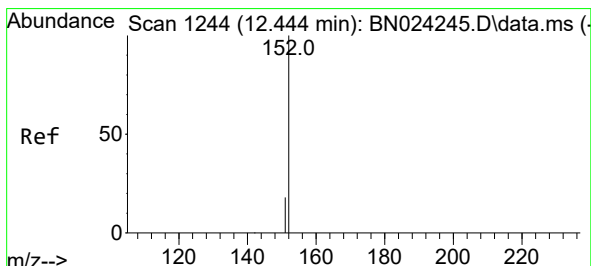
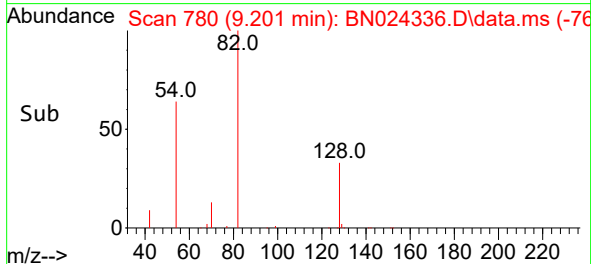
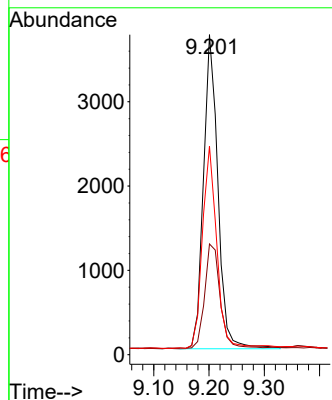
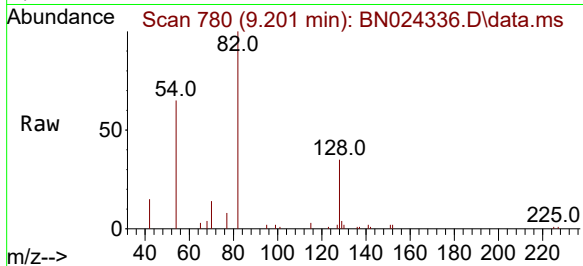




#8
 Nitrobenzene-d5
 Concen: 0.427 ng
 RT: 9.201 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN024336.D
 Acq: 17 Mar 2023 07:37

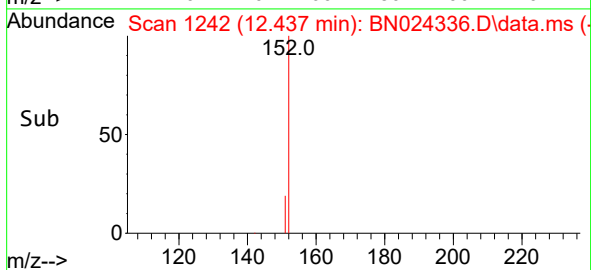
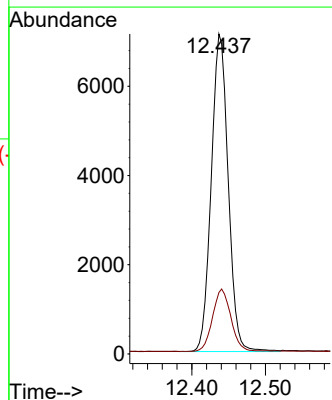
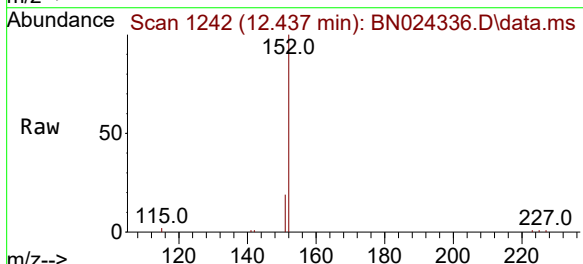
Instrument :
 BNA_N
 ClientSampleId :
 PB151416BL

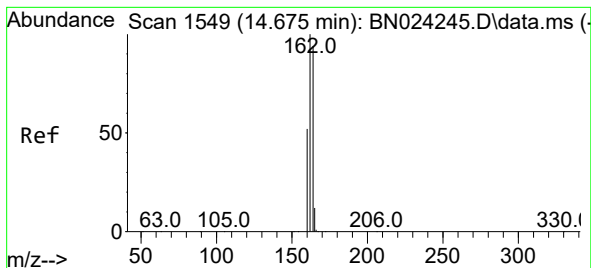
Tgt Ion: 82 Resp: 6802
 Ion Ratio Lower Upper
 82 100
 128 34.6 32.4 48.6
 54 65.2 45.2 67.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.437 min Scan# 1242
 Delta R.T. -0.004 min
 Lab File: BN024336.D
 Acq: 17 Mar 2023 07:37

Tgt Ion: 152 Resp: 11367
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024336.D

Acq: 17 Mar 2023 07:37

Instrument :

BNA_N

ClientSampleId :

PB151416BL

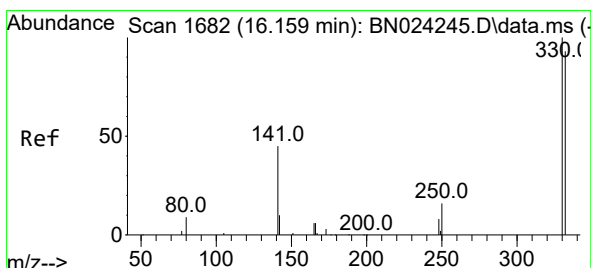
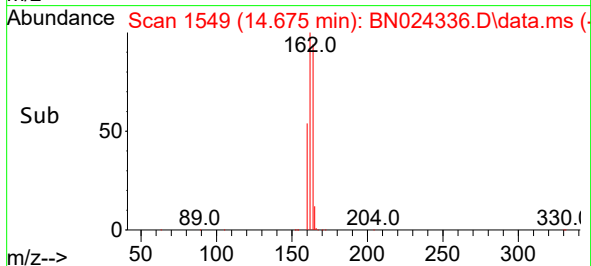
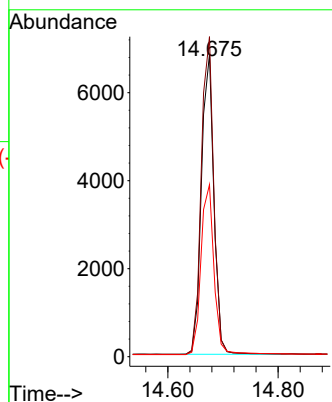
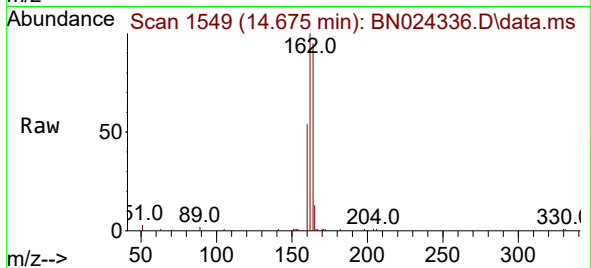
Tgt Ion:164 Resp: 10690

Ion Ratio Lower Upper

164 100

162 105.8 84.7 127.1

160 56.9 44.6 66.8



#14

2,4,6-Tribromophenol

Concen: 0.181 ng

RT: 16.159 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN024336.D

Acq: 17 Mar 2023 07:37

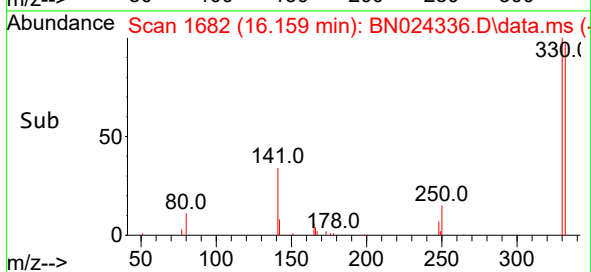
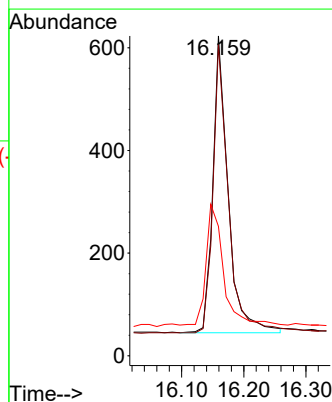
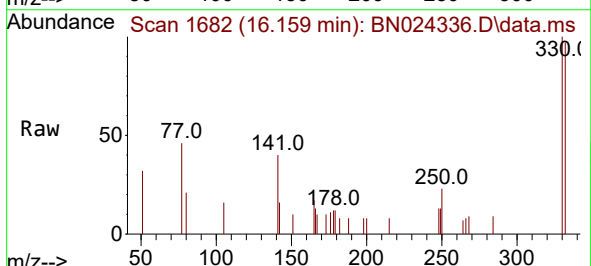
Tgt Ion:330 Resp: 991

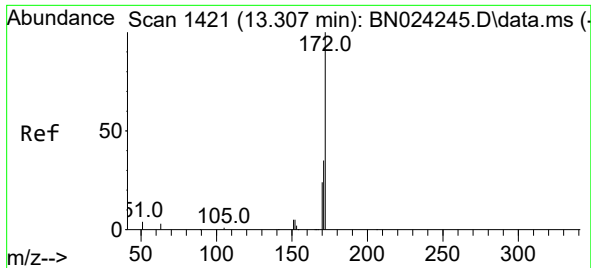
Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 45.4 30.8 46.2

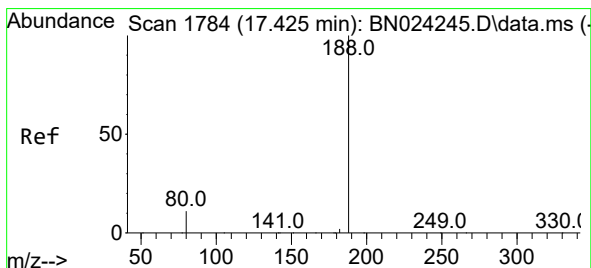
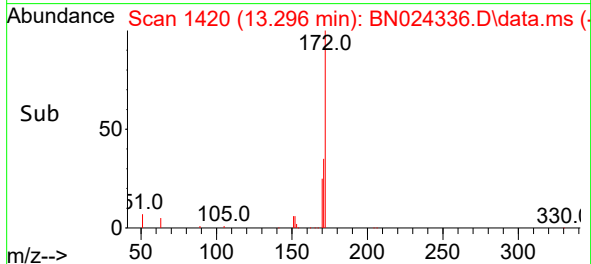
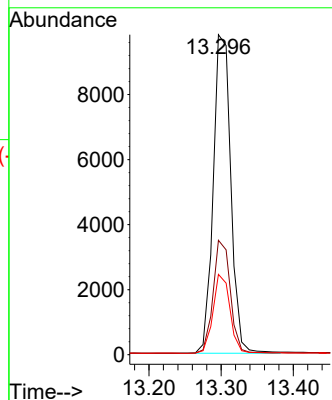
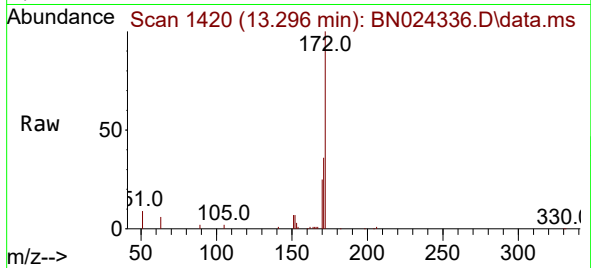




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

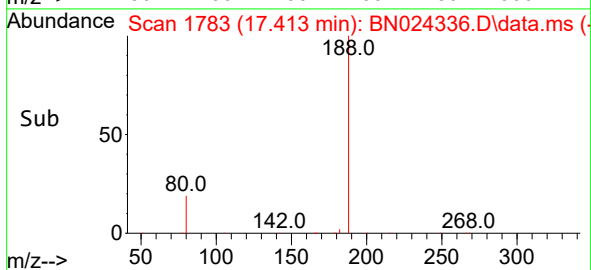
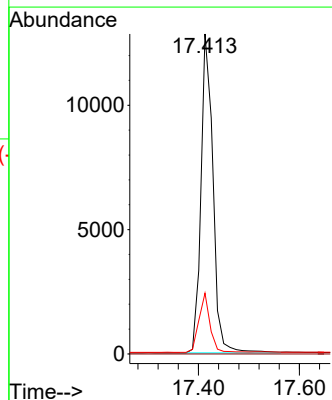
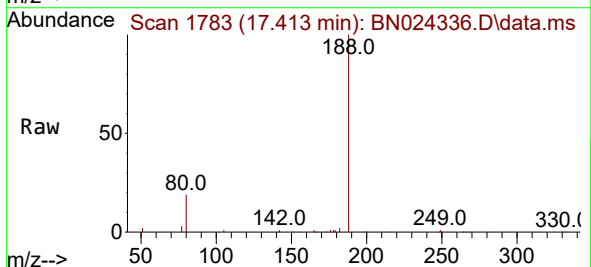
Instrument :
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ClientSampleId :
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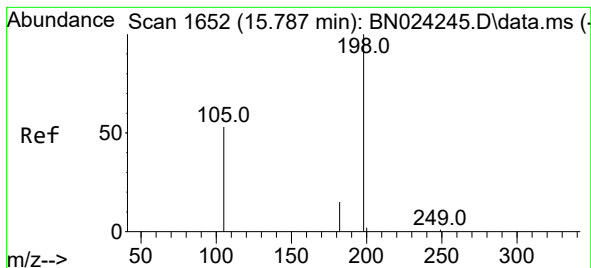
Tgt Ion:172 Resp: 16591
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 25.1 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

Tgt Ion:188 Resp: 21230
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.0 8.9 13.3#

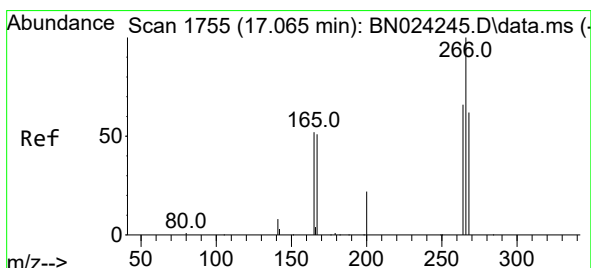
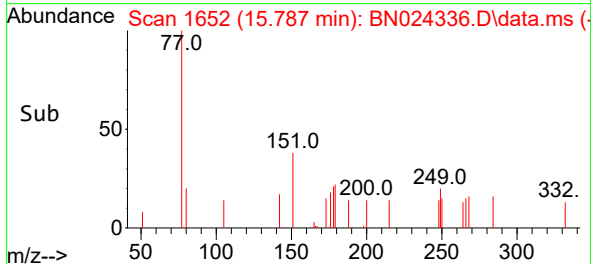
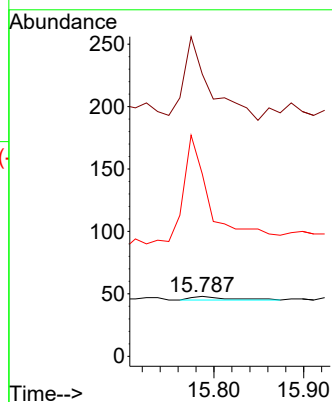
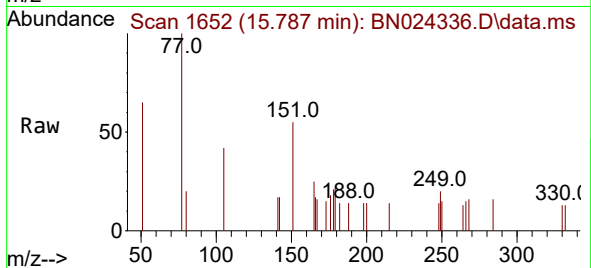




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

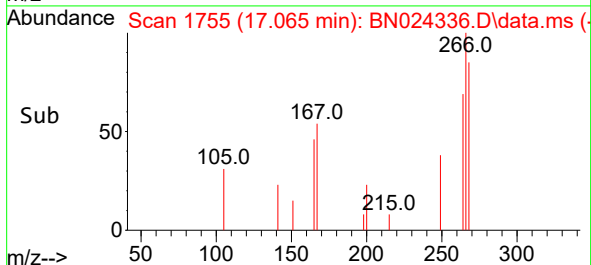
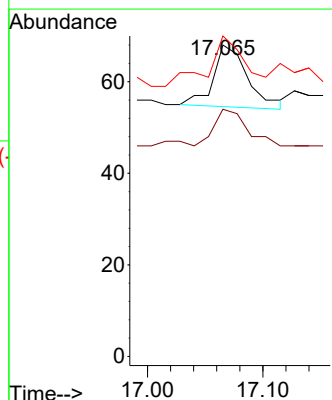
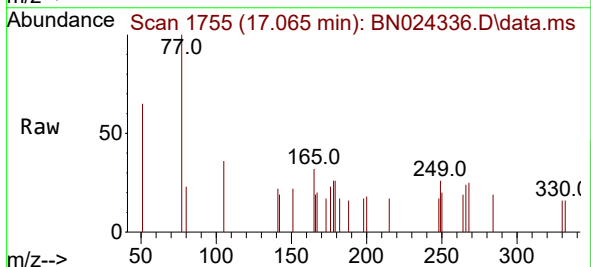
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BNA_N
ClientSampleId :
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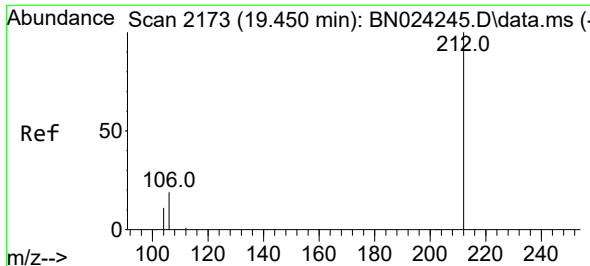
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 470.8 68.2 102.2#
105 304.2 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 75.0 51.1 76.7
268 85.7 52.2 78.4#

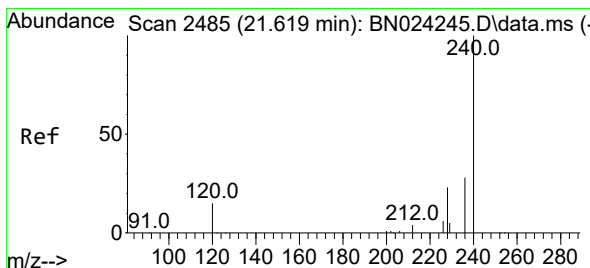
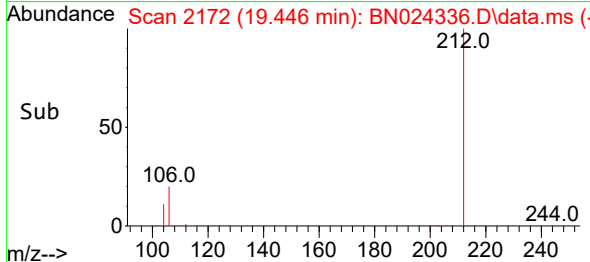
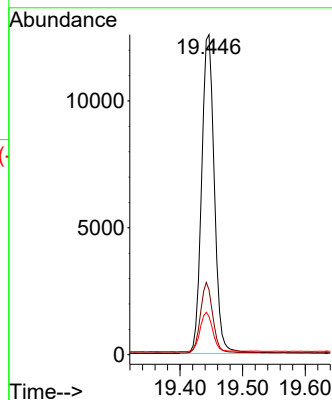
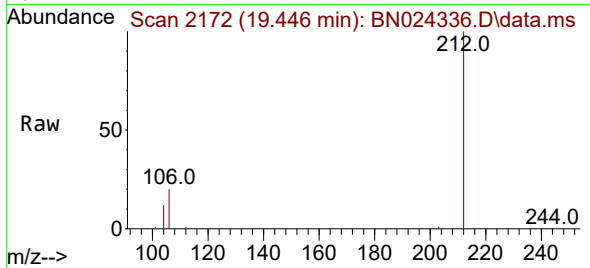




#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

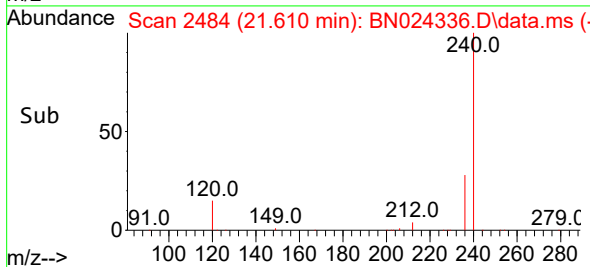
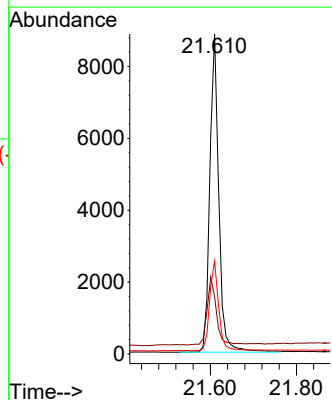
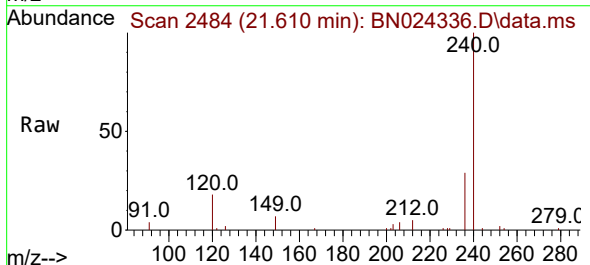
Instrument :
BNA_N
ClientSampleId :
PB151416BL

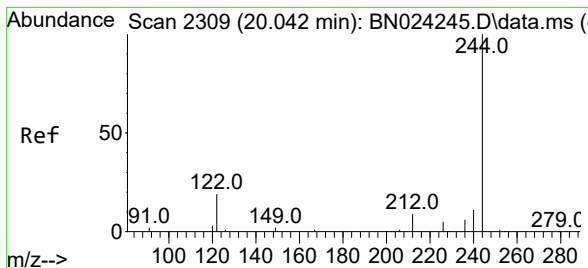
Tgt Ion:212 Resp: 17761
Ion Ratio Lower Upper
212 100
106 21.4 15.4 23.2
104 12.4 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024336.D
Acq: 17 Mar 2023 07:37

Tgt Ion:240 Resp: 12850
Ion Ratio Lower Upper
240 100
120 17.9 12.8 19.2
236 29.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.441 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024336.D

Acq: 17 Mar 2023 07:37

Instrument :

BNA_N

ClientSampleId :

PB151416BL

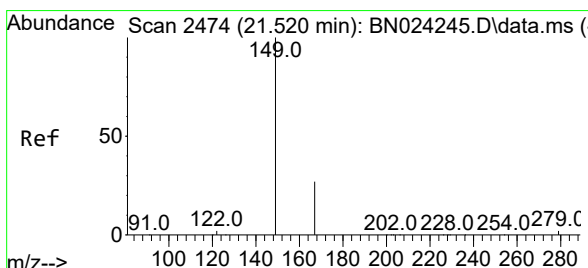
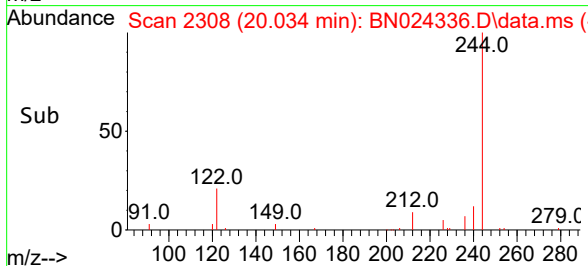
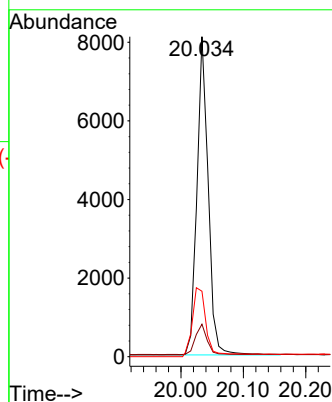
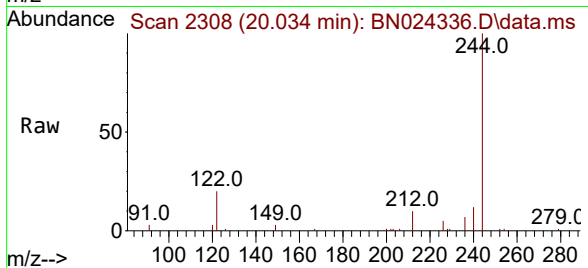
Tgt Ion:244 Resp: 9554

Ion Ratio Lower Upper

244 100

212 10.1 7.6 11.4

122 20.5 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.031 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024336.D

Acq: 17 Mar 2023 07:37

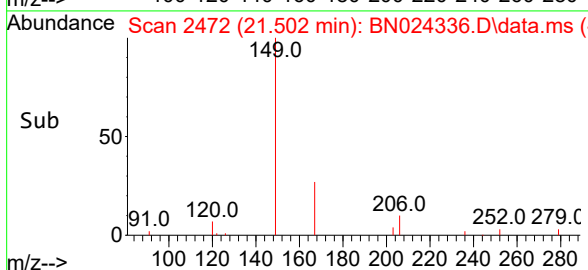
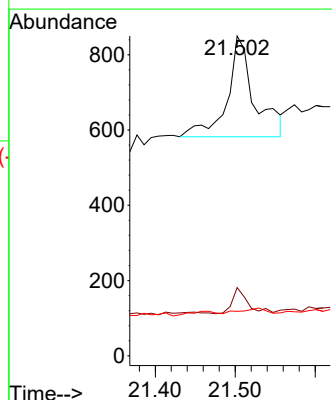
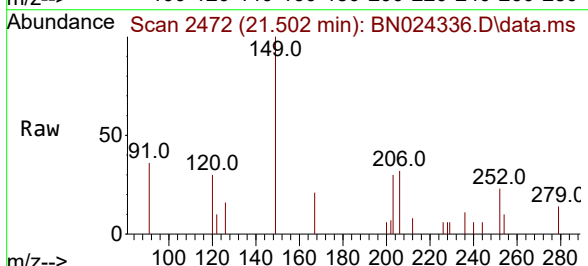
Tgt Ion:149 Resp: 629

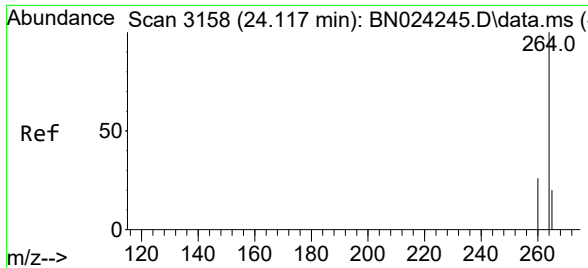
Ion Ratio Lower Upper

149 100

167 14.6 21.2 31.8#

279 0.0 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BN024336.D
 Acq: 17 Mar 2023 07:37

Instrument :
 BNA_N
 ClientSampleId :
 PB151416BL

Tgt Ion:264	Resp:	9505
Ion Ratio	Lower	Upper
264	100	
260	27.7	21.4 32.2
265	70.6	35.7 53.5#

