

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024355.D
 Acq On : 17 Mar 2023 20:41
 Operator : CG/JU
 Sample : 01879-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20230308

Quant Time: Mar 17 23:30:32 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)

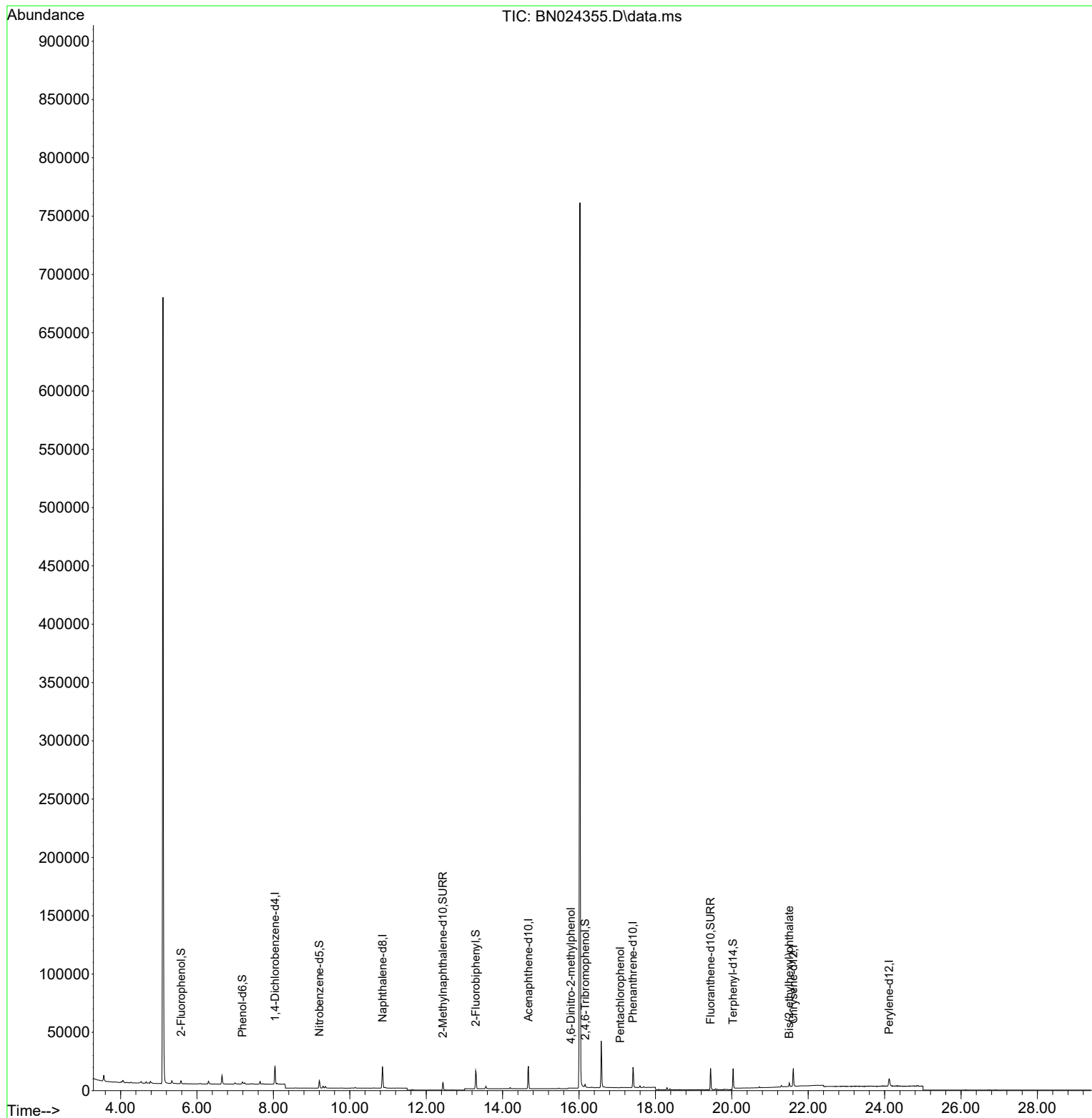
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7681	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22877	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10866	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	22739	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	14948	0.400	ng	0.00
35) Perylene-d12	24.117	264	10960	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2106	0.124	ng	0.00
5) Phenol-d6	7.188	99	1570	0.072	ng	0.00
8) Nitrobenzene-d5	9.200	82	5105	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	8896	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1301	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	13526	0.330	ng	-0.01
27) Fluoranthene-d10	19.446	212	18464	0.383	ng	0.00
31) Terphenyl-d14	20.033	244	12681	0.503	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.078	266	16	0.130	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.502	149	3461	0.147	ng	# 94

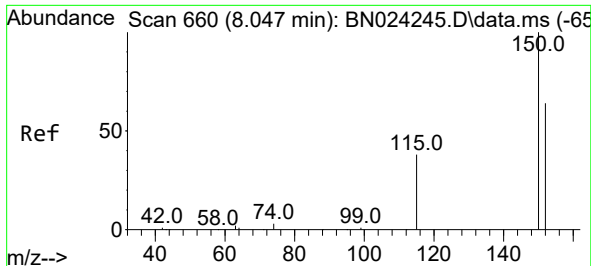
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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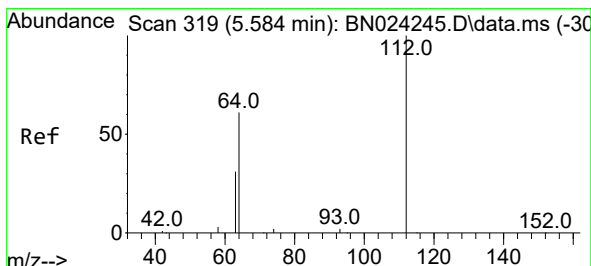
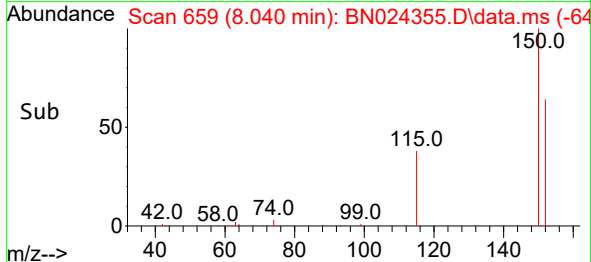
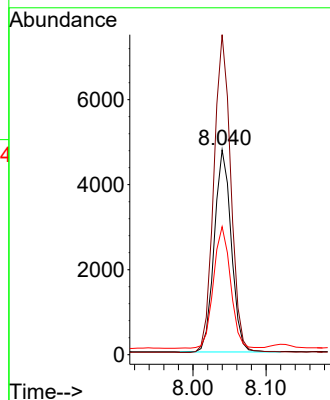
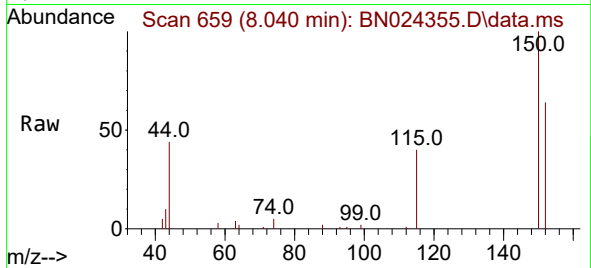




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

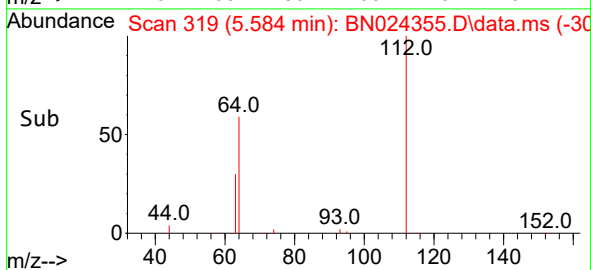
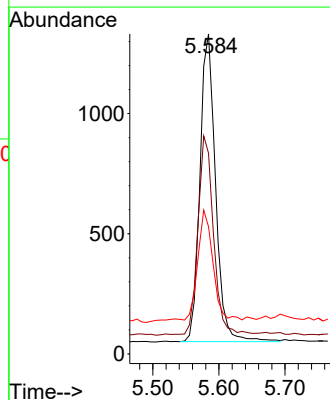
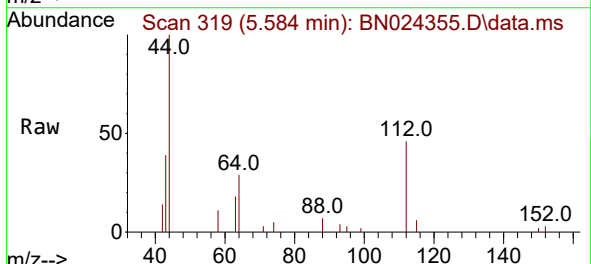
Instrument :
BNA_N
ClientSampleId :
DUP02-20230308

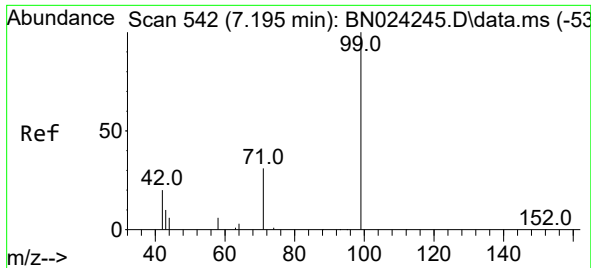
Tgt Ion:152 Resp: 7681
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 62.5 49.1 73.7



#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion:112 Resp: 2106
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 38.2 25.7 38.5

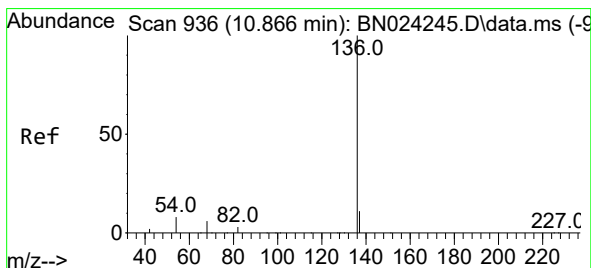
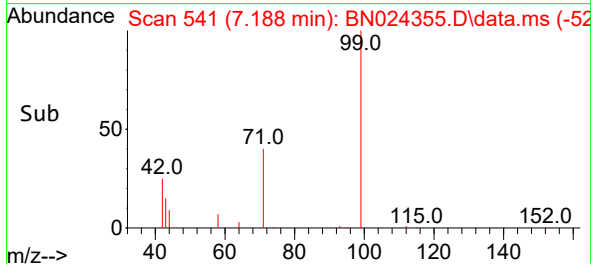
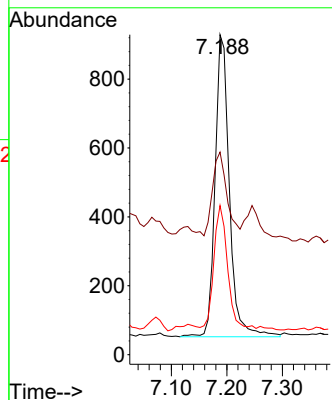
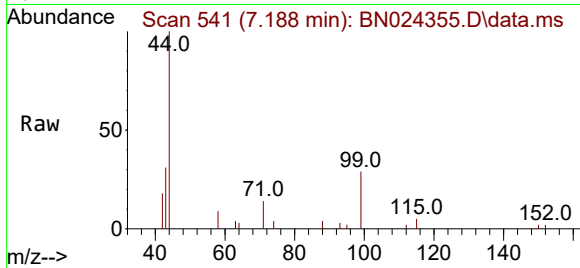




#5
Phenol-d6
Concen: 0.072 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

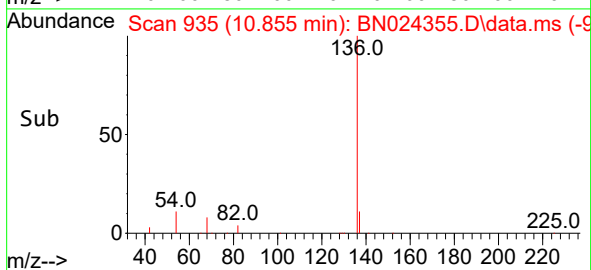
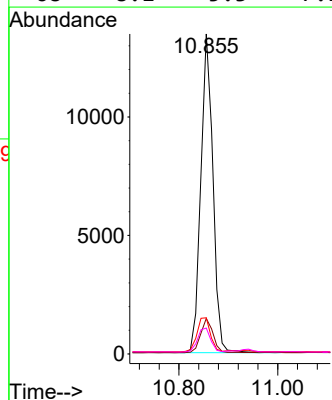
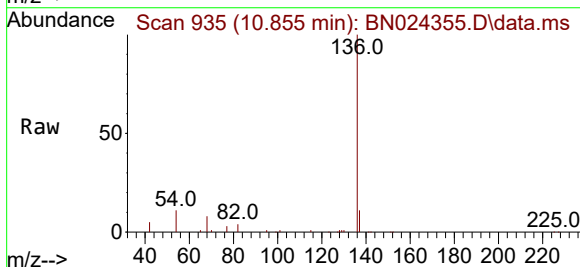
Instrument :
BNA_N
ClientSampleId :
DUP02-20230308

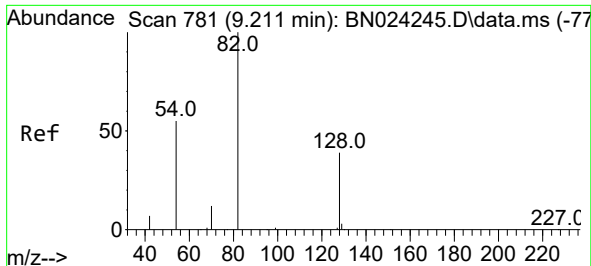
Tgt Ion: 99 Resp: 1570
Ion Ratio Lower Upper
99 100
42 27.8 20.1 30.1
71 40.7 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion: 136 Resp: 22877
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.3 7.1 10.7#
68 8.1 5.3 7.9#

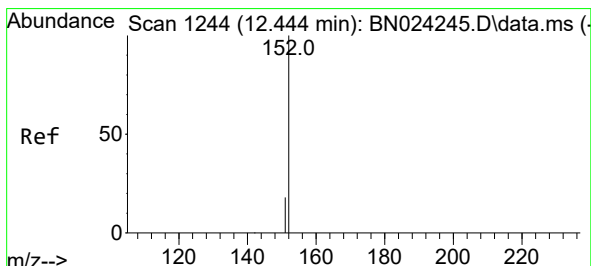
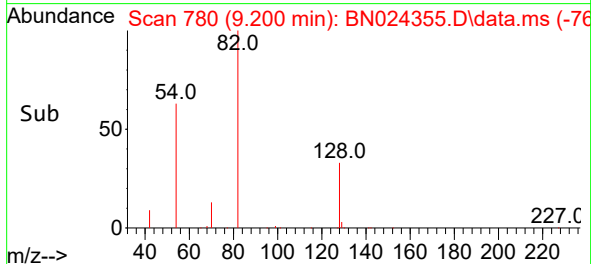
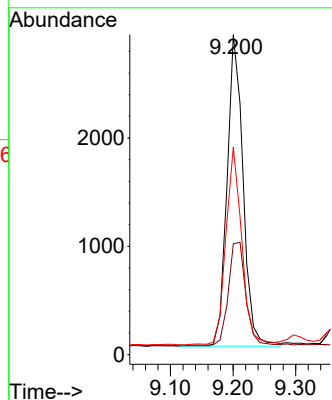
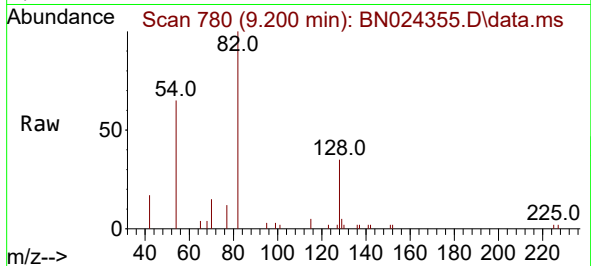




#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 9.200 min Scan# 781
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

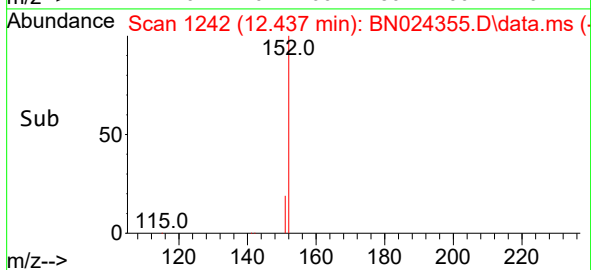
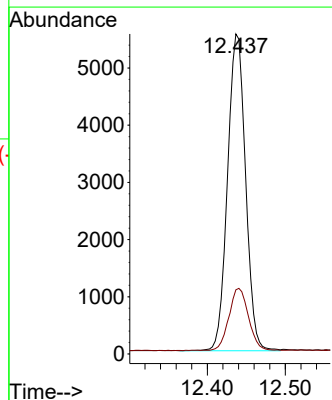
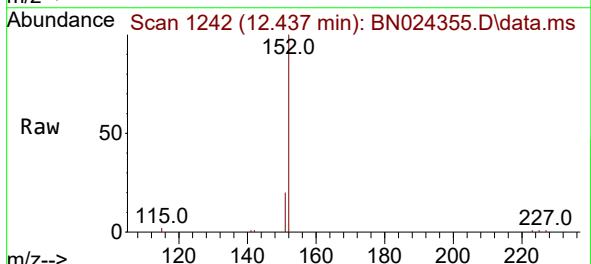
Instrument :
BNA_N
ClientSampleId :
DUP02-20230308

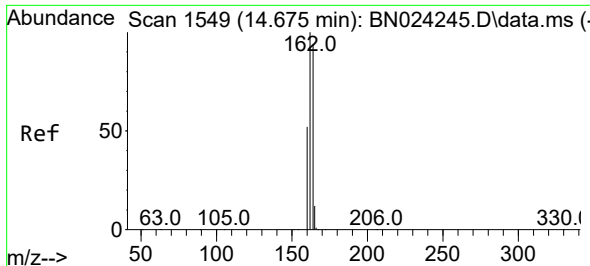
Tgt Ion: 82 Resp: 5105
Ion Ratio Lower Upper
82 100
128 34.7 32.4 48.6
54 64.9 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion: 152 Resp: 8896
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

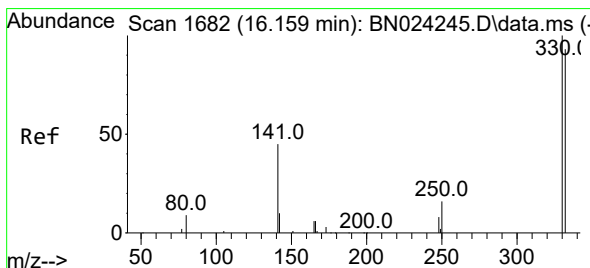
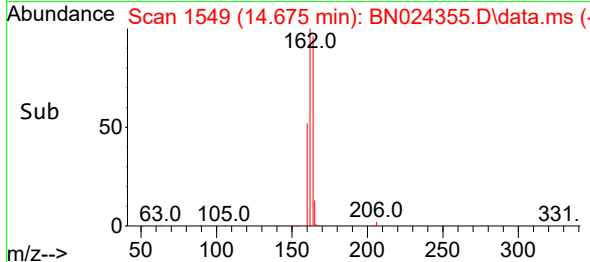
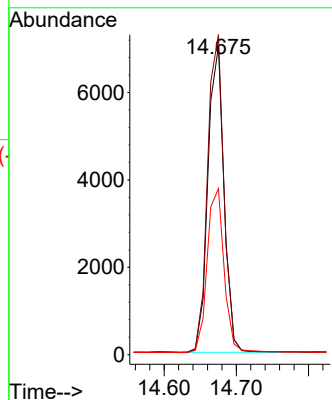
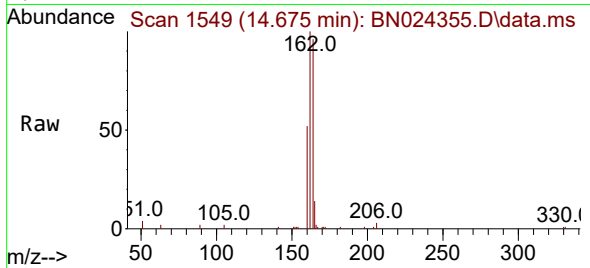




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

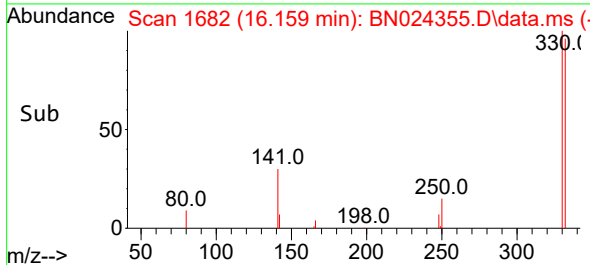
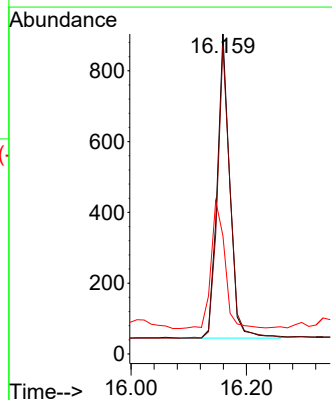
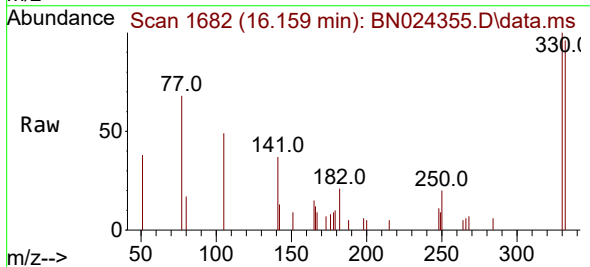
Instrument :
BNA_N
ClientSampleId :
DUP02-20230308

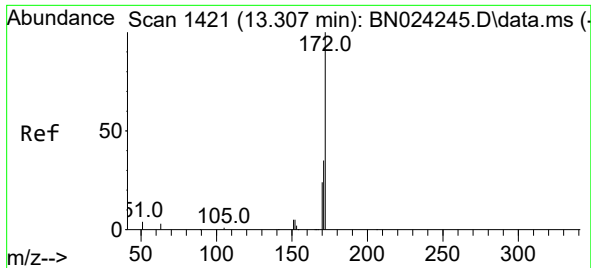
Tgt Ion:164 Resp: 10866
Ion Ratio Lower Upper
164 100
162 103.7 84.7 127.1
160 53.8 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion:330 Resp: 1301
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 45.8 30.8 46.2

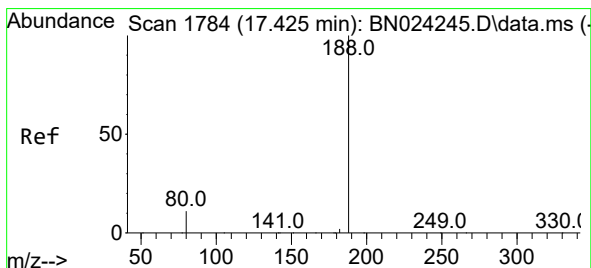
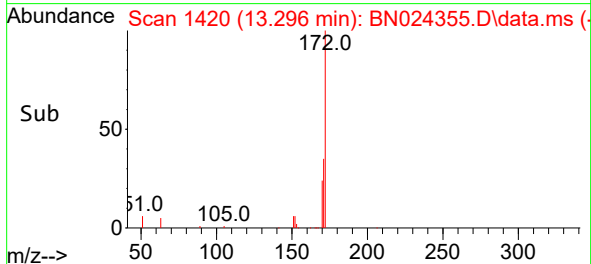
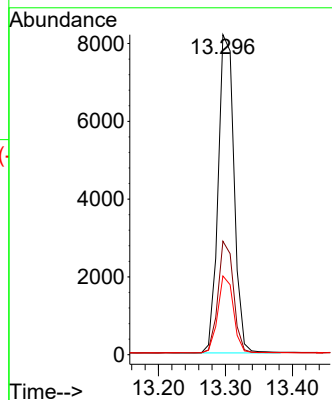
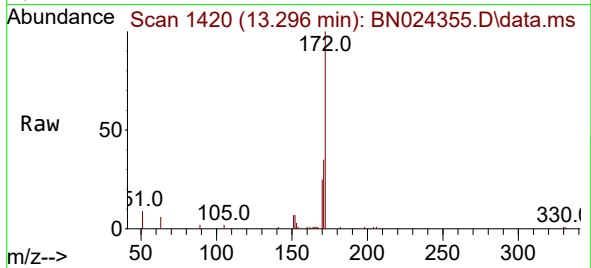




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

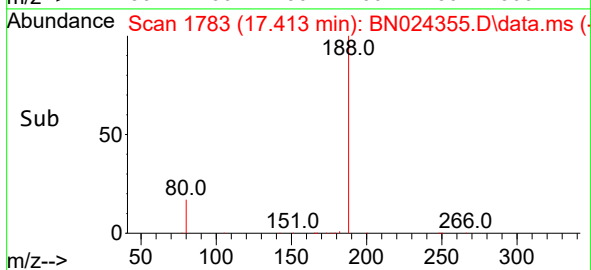
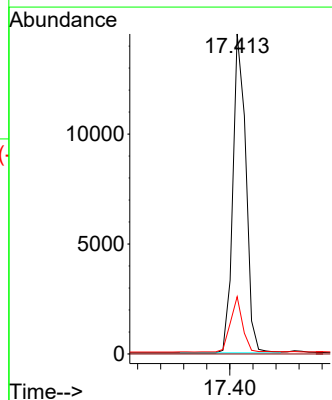
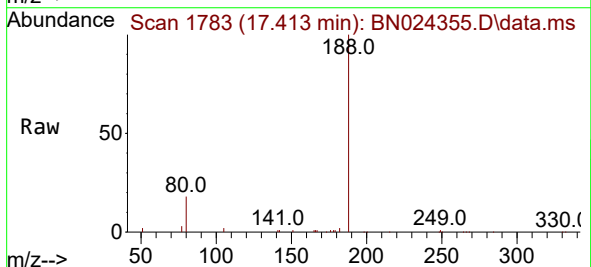
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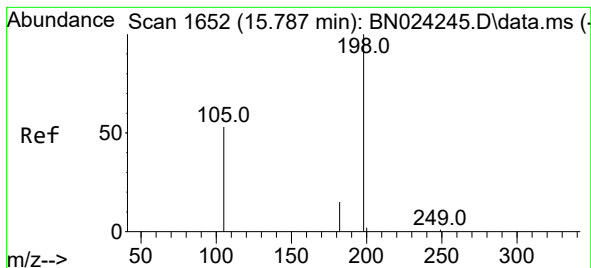
Tgt Ion:	172	Resp:	13526
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.8	41.8
170	24.6	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion:	188	Resp:	22739
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	17.9	8.9	13.3

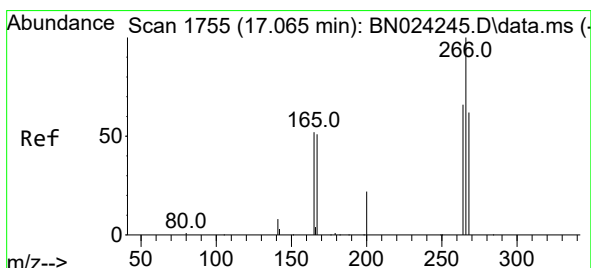
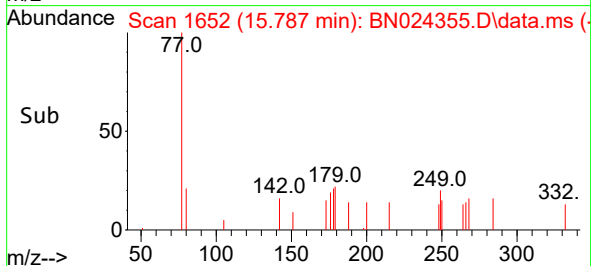
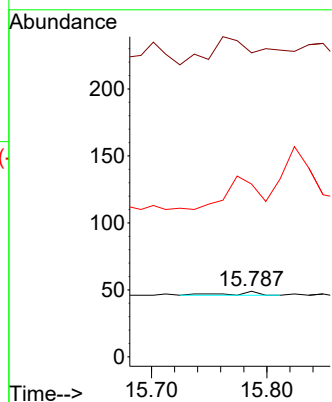
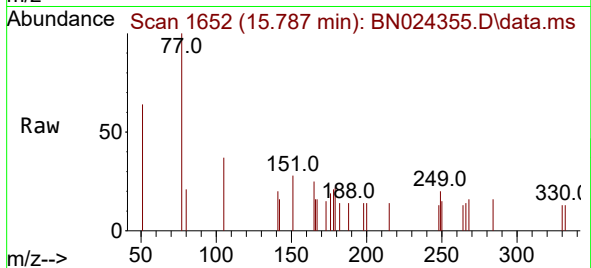




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

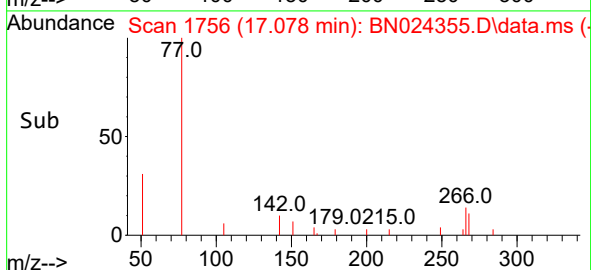
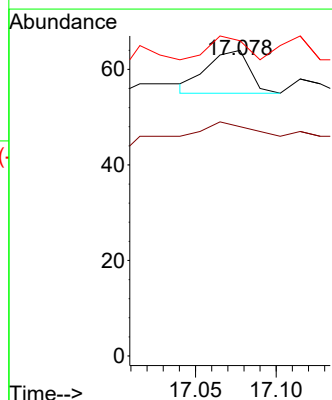
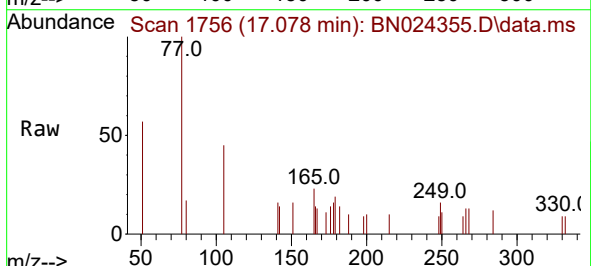
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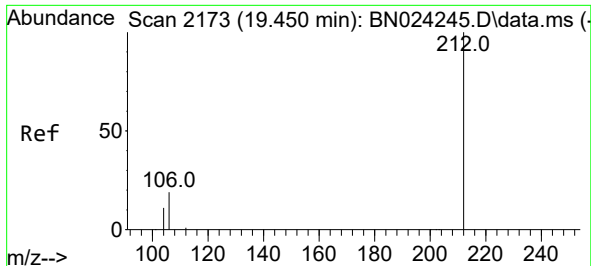
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 463.3 68.2 102.2#
105 263.3 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.078 min Scan# 1756
Delta R.T. 0.012 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
264 68.8 51.1 76.7
268 43.8 52.2 78.4#

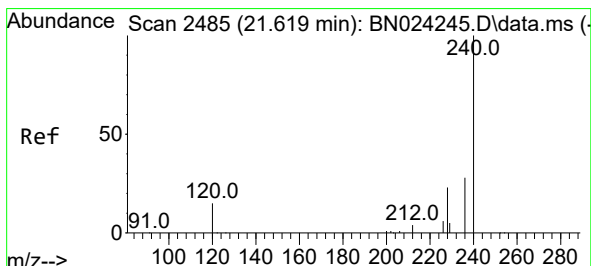
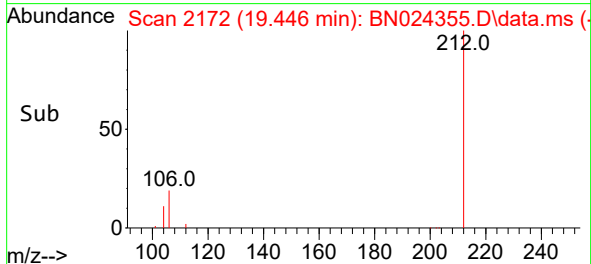
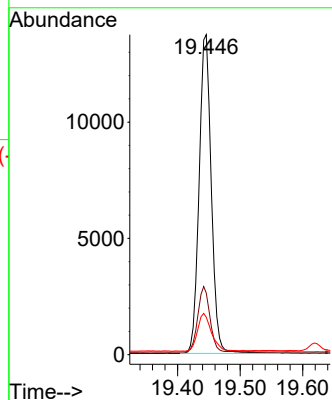
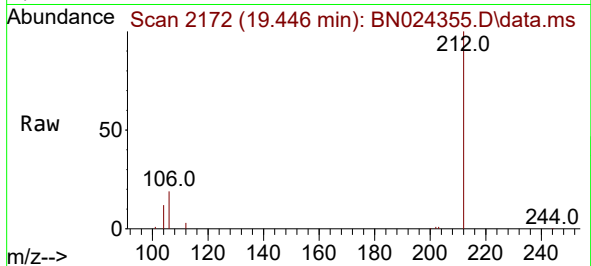




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.446 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

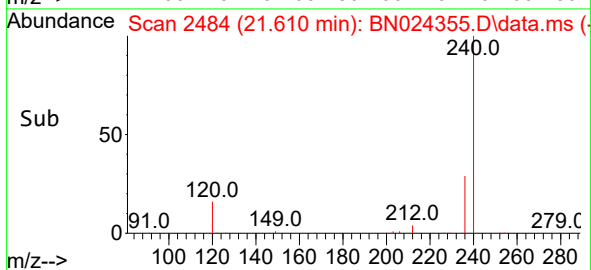
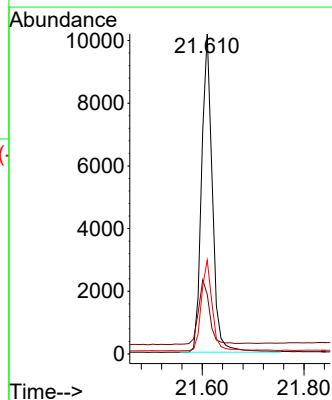
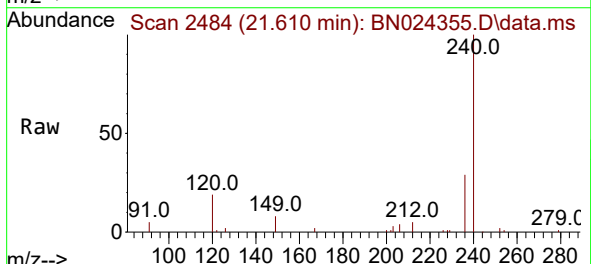
Instrument :
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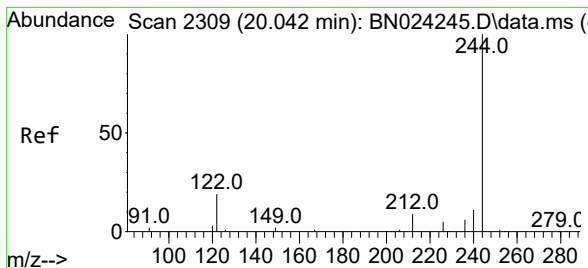
Tgt Ion:212 Resp: 18464
Ion Ratio Lower Upper
212 100
106 20.7 15.4 23.2
104 13.5 8.6 13.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Tgt Ion:240 Resp: 14948
Ion Ratio Lower Upper
240 100
120 18.6 12.8 19.2
236 29.3 22.5 33.7





#31

Terphenyl-d14

Concen: 0.503 ng

RT: 20.033 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024355.D

Acq: 17 Mar 2023 20:41

Instrument :

BNA_N

ClientSampleId :

DUP02-20230308

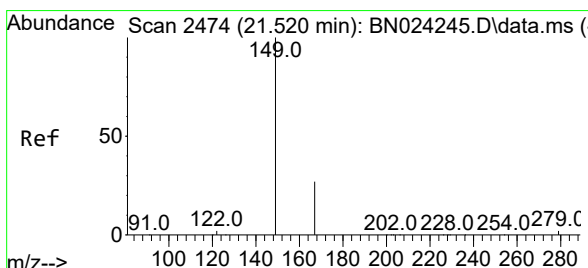
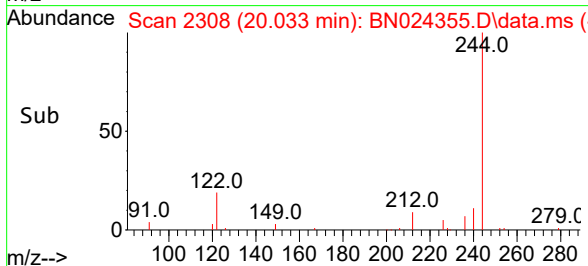
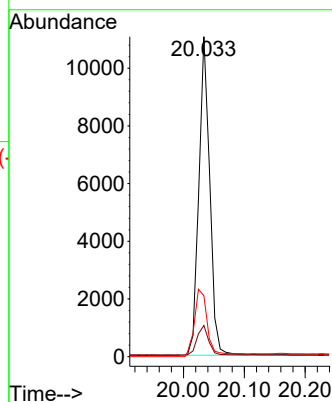
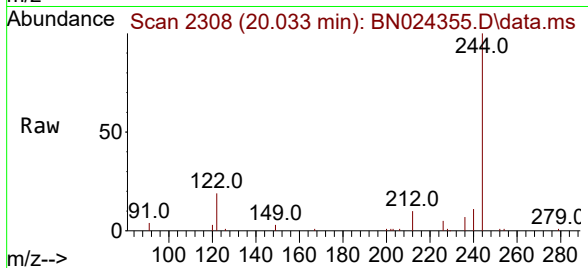
Tgt Ion:244 Resp: 12681

Ion Ratio Lower Upper

244 100

212 9.7 7.6 11.4

122 19.1 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 21.502 min Scan# 2472

Delta R.T. -0.000 min

Lab File: BN024355.D

Acq: 17 Mar 2023 20:41

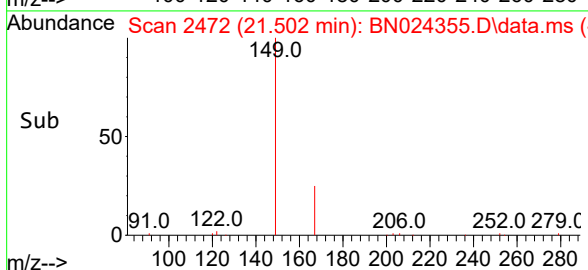
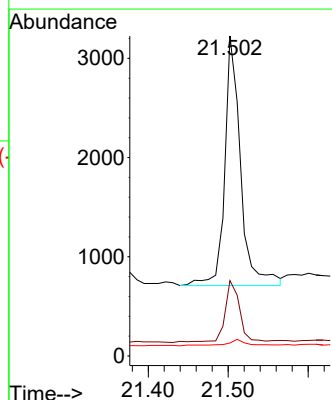
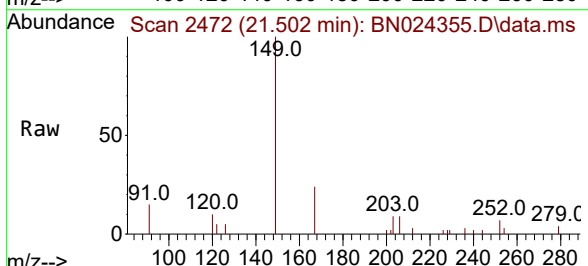
Tgt Ion:149 Resp: 3461

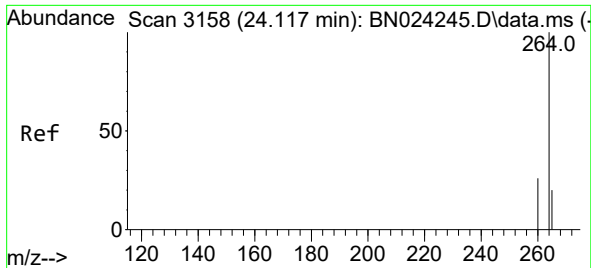
Ion Ratio Lower Upper

149 100

167 23.2 21.2 31.8

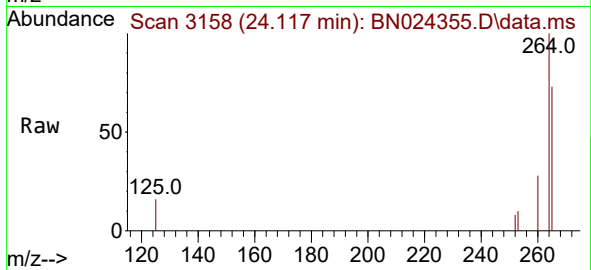
279 3.4 1.8 2.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.117 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN024355.D
Acq: 17 Mar 2023 20:41

Instrument :
BNA_N
ClientSampleId :
DUP02-20230308



Tgt Ion:264 Resp: 10960
Ion Ratio Lower Upper
264 100
260 27.7 21.4 32.2
265 73.1 35.7 53.5#

