

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024341.D
 Acq On : 17 Mar 2023 11:59
 Operator : CG/JU
 Sample : 01922-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423RE

Quant Time: Mar 17 22:42:02 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)

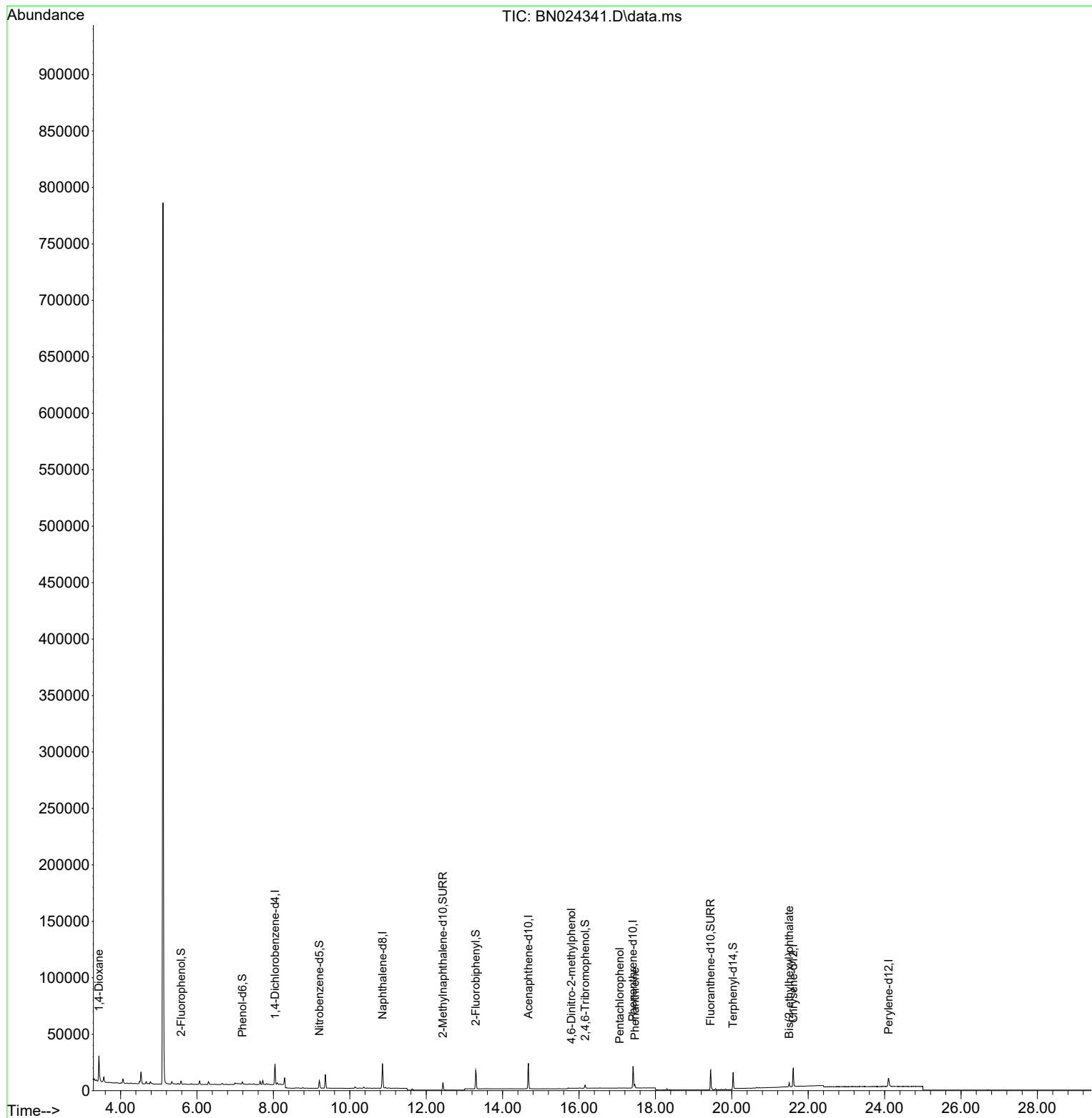
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8826	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	26659	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	12445	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24908	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16346	0.400	ng	0.00
35) Perylene-d12	24.103	264	11937	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	2348	0.120	ng	0.00
5) Phenol-d6	7.188	99	1768	0.070	ng	0.00
8) Nitrobenzene-d5	9.201	82	5302	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	8745	0.267	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1478	0.232	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14314	0.304	ng	-0.01
27) Fluoranthene-d10	19.446	212	17723	0.336	ng	0.00
31) Terphenyl-d14	20.034	244	11021	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	14620	1.522	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.799	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	15	0.130	ng	# 33
25) Phenanthrene	17.463	178	3602	0.049	ng	98
34) Bis(2-ethylhexyl)phtha...	21.502	149	3534	0.138	ng	93

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

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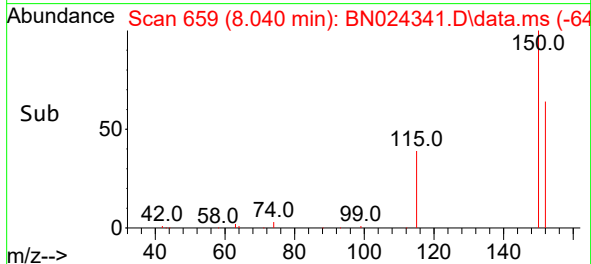
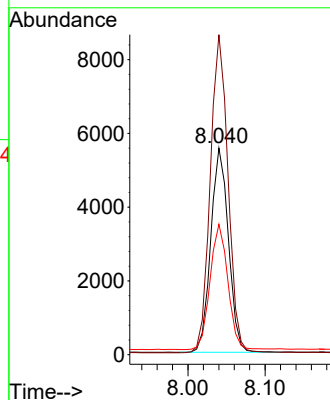
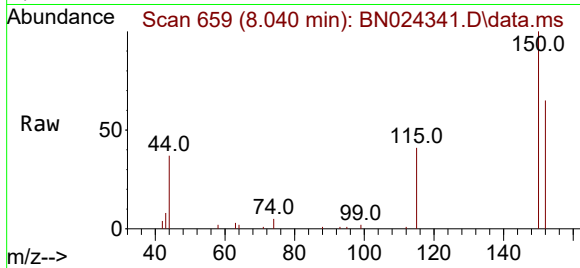




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN024341.D
 Acq: 17 Mar 2023 11:59

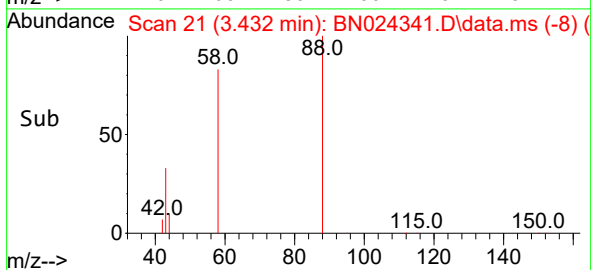
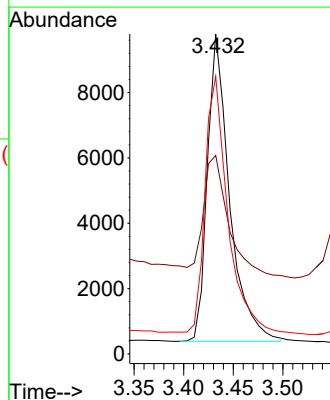
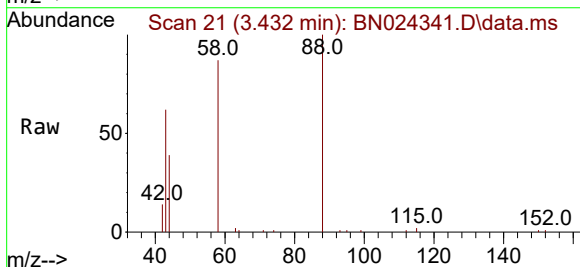
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423RE

Tgt Ion: 152 Resp: 8826
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.7 187.1
 115 63.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.522 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024341.D
 Acq: 17 Mar 2023 11:59

Tgt Ion: 88 Resp: 14620
 Ion Ratio Lower Upper
 88 100
 43 43.1 29.0 43.4
 58 84.5 67.3 100.9





#4

2-Fluorophenol

Concen: 0.120 ng

RT: 5.585 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

Instrument :

BNA_N

ClientSampleId :

EB-01-031423RE

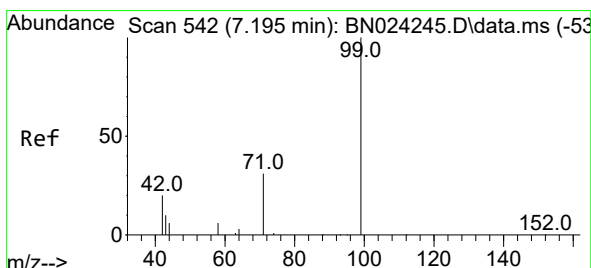
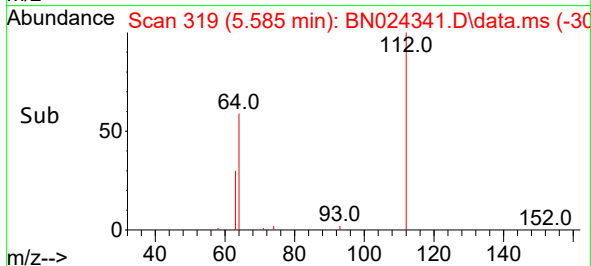
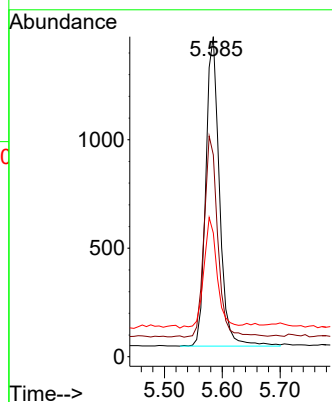
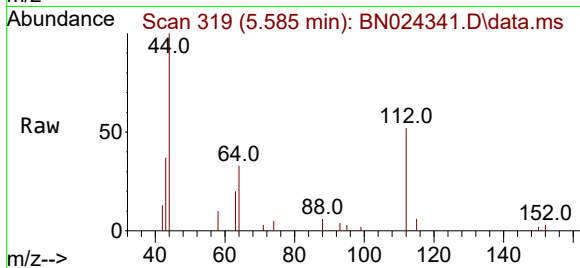
Tgt Ion:112 Resp: 2348

Ion Ratio Lower Upper

112 100

64 64.9 49.0 73.6

63 34.8 25.7 38.5



#5

Phenol-d6

Concen: 0.070 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

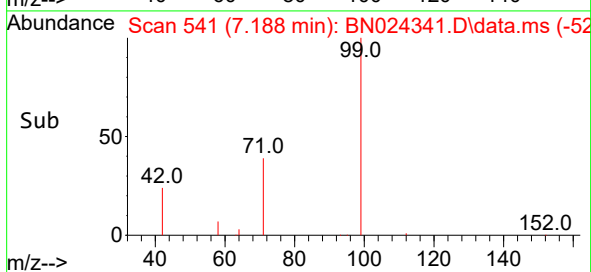
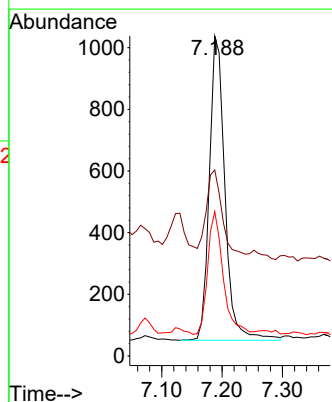
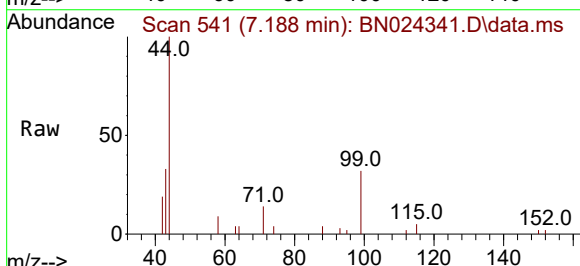
Tgt Ion: 99 Resp: 1768

Ion Ratio Lower Upper

99 100

42 26.7 20.1 30.1

71 40.2 25.8 38.8#

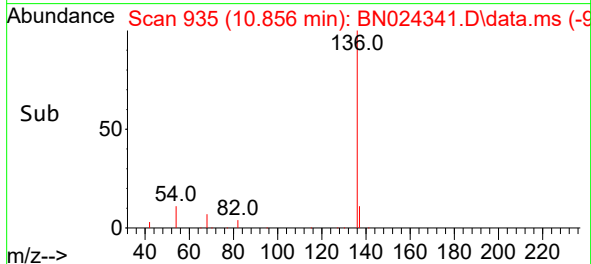
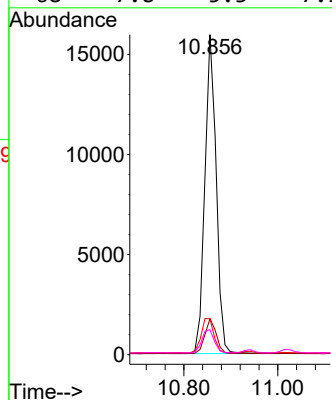
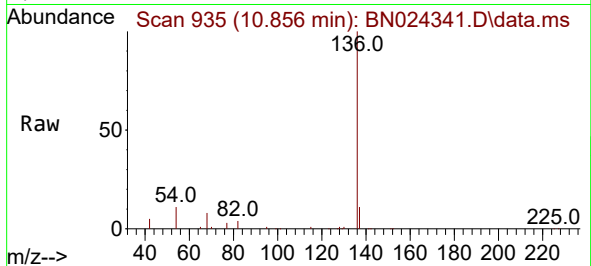




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

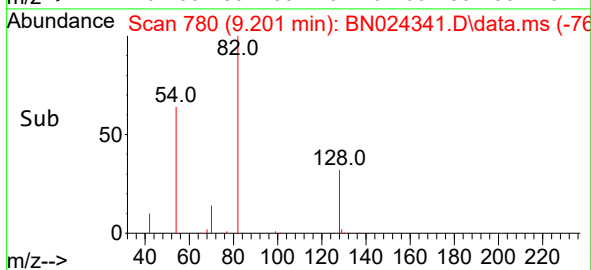
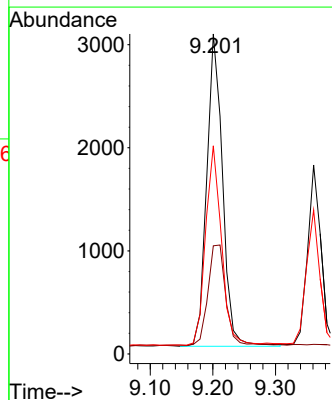
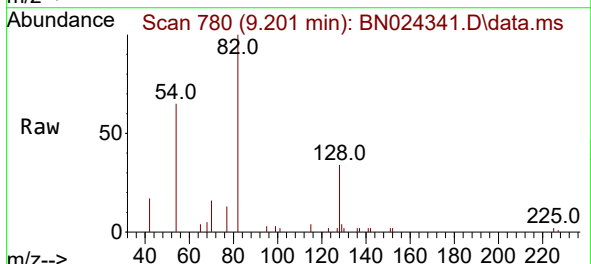
Instrument :
BNA_N
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EB-01-031423RE

Tgt Ion:	136	Resp:	26659
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	11.2	7.1	10.7#
68	7.8	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

Tgt Ion:	82	Resp:	5302
Ion Ratio	Lower	Upper	
82	100		
128	33.8	32.4	48.6
54	65.1	45.2	67.8

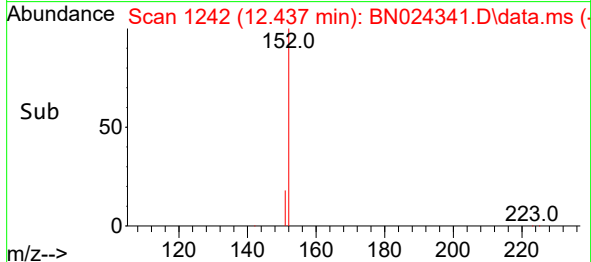
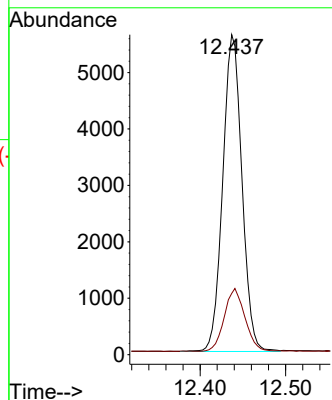
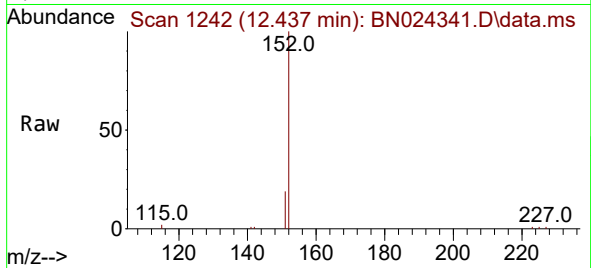




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.437 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

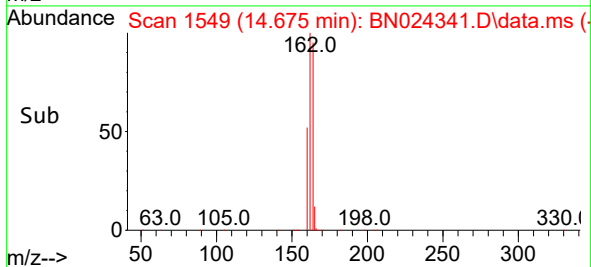
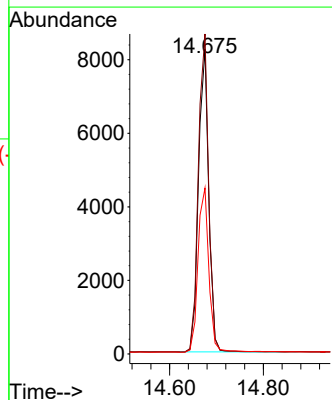
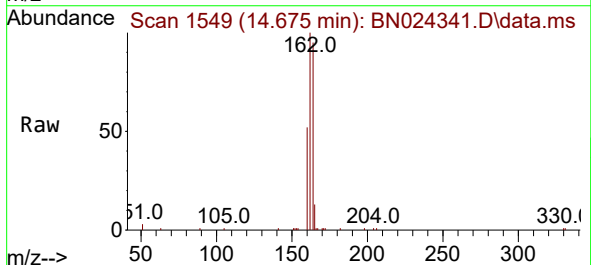
Instrument :
BNA_N
ClientSampleId :
EB-01-031423RE

Tgt Ion:152 Resp: 8745
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: BN024341.D
Acq: 17 Mar 2023 11:59

Tgt Ion:164 Resp: 12445
Ion Ratio Lower Upper
164 100
162 105.1 84.7 127.1
160 54.5 44.6 66.8

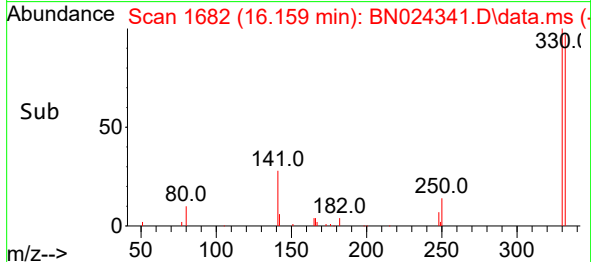
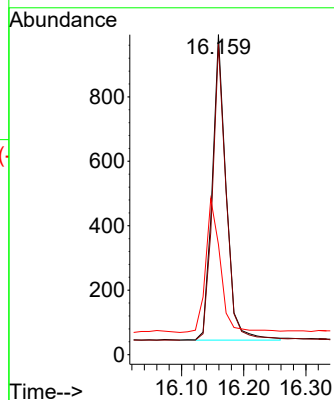
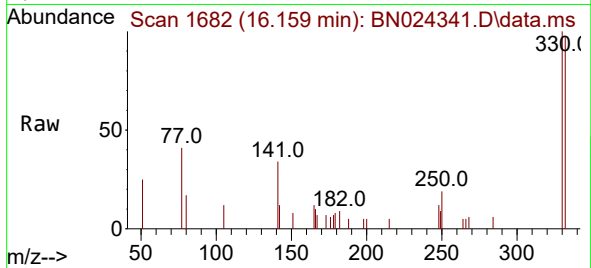




#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

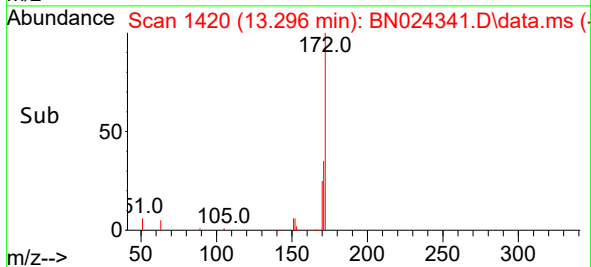
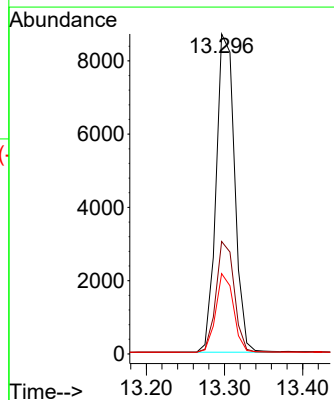
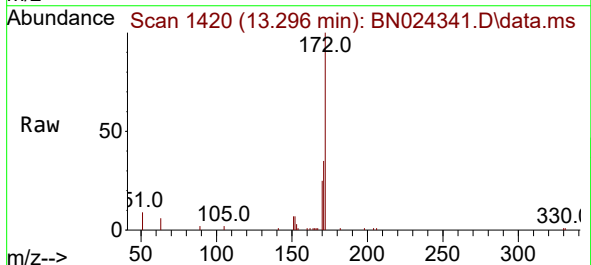
Instrument :
BNA_N
ClientSampleId :
EB-01-031423RE

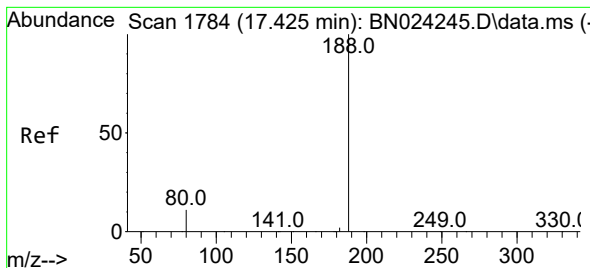
Tgt Ion: 330 Resp: 1478
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 46.5 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.010 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

Tgt Ion: 172 Resp: 14314
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 25.1 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

Instrument :

BNA_N

ClientSampleId :

EB-01-031423RE

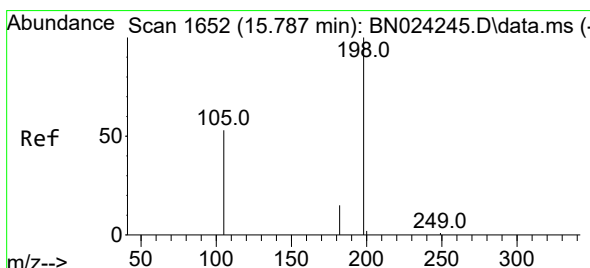
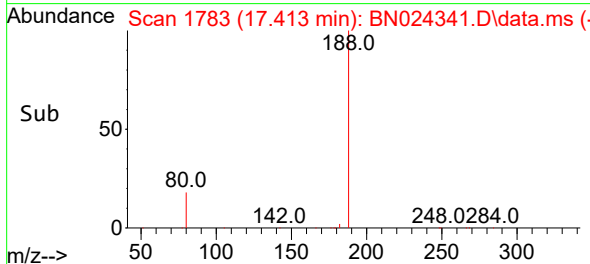
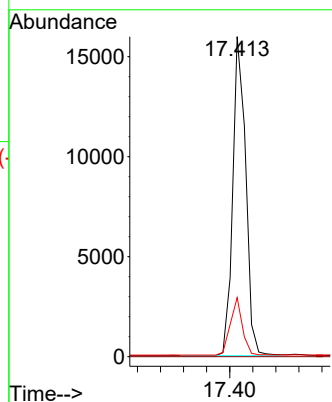
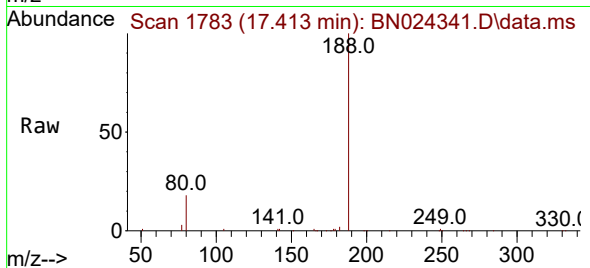
Tgt Ion:188 Resp: 24908

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.5 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.799 min Scan# 1653

Delta R.T. 0.013 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

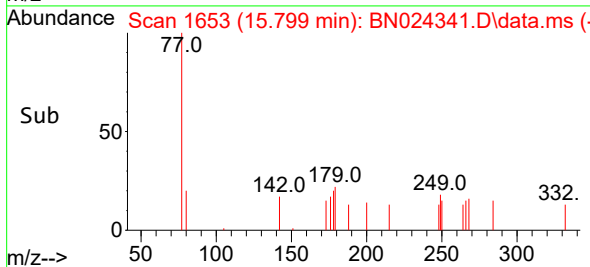
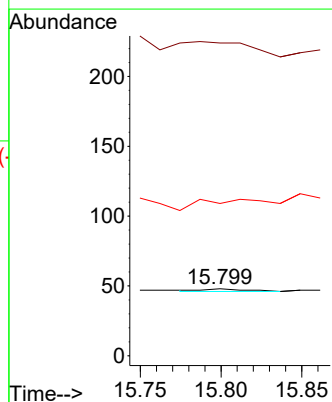
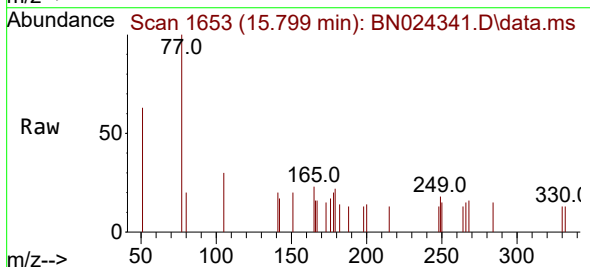
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 466.7 68.2 102.2#

105 227.1 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

Instrument :

BNA_N

ClientSampleId :

EB-01-031423RE

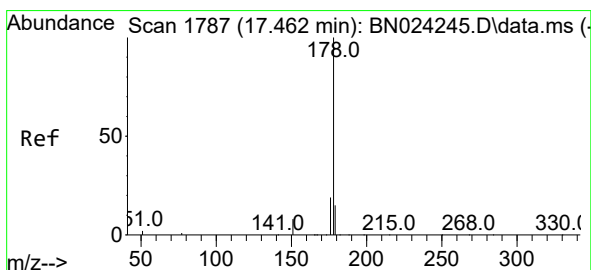
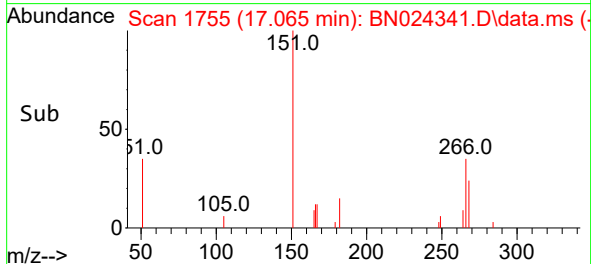
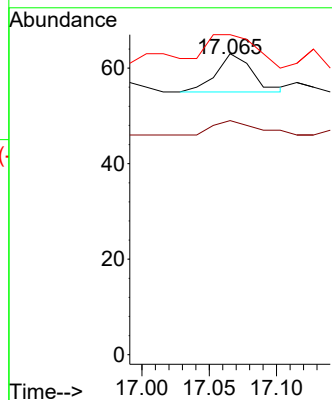
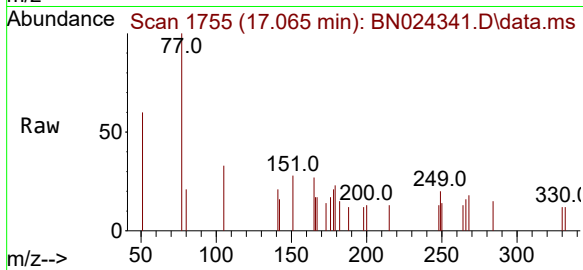
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 60.0 51.1 76.7

268 166.7 52.2 78.4#



#25

Phenanthrene

Concen: 0.049 ng

RT: 17.463 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

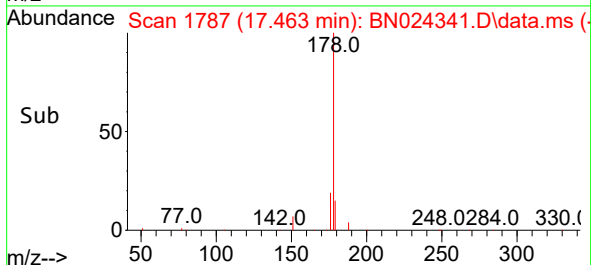
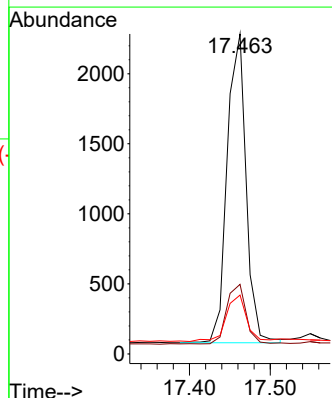
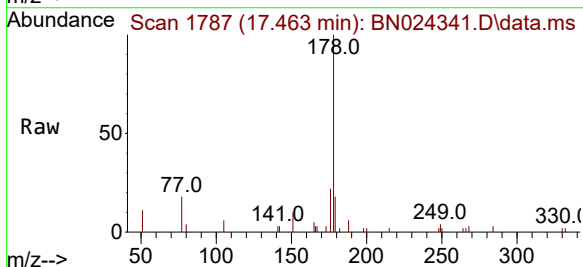
Tgt Ion:178 Resp: 3602

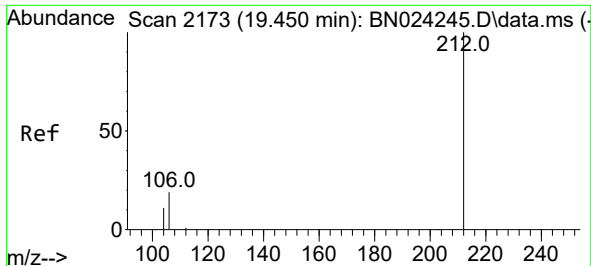
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 15.9 12.2 18.2

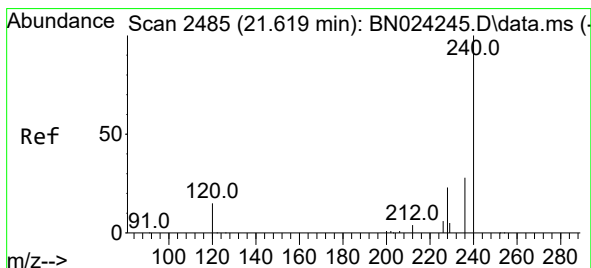
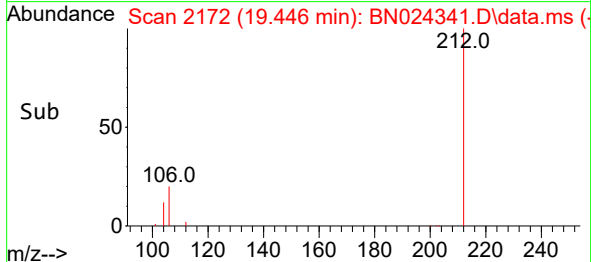
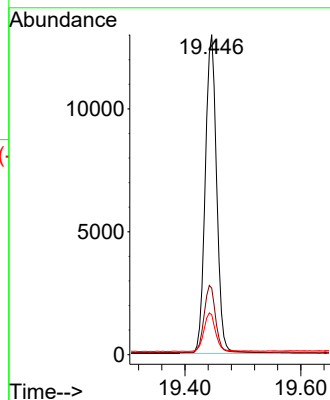
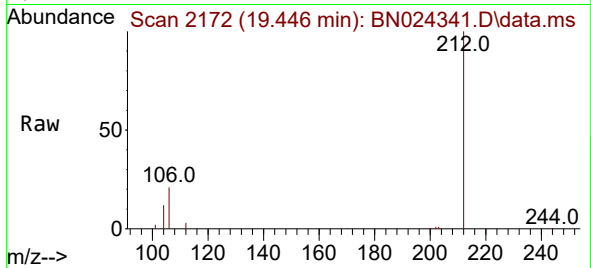




#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

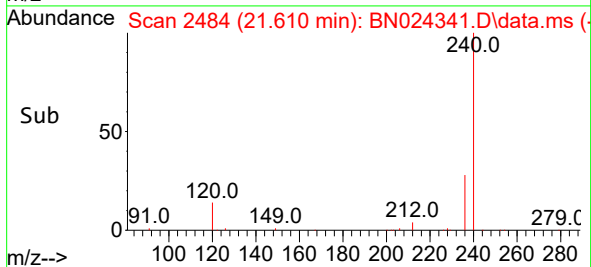
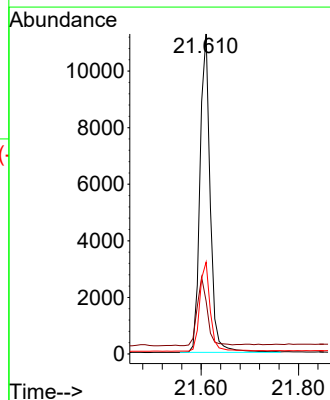
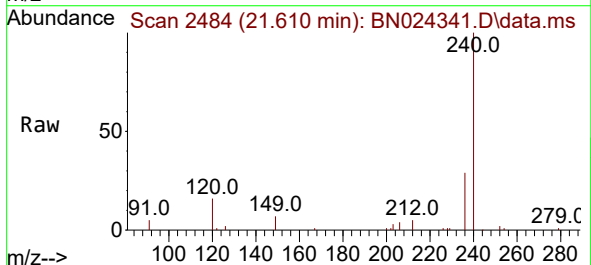
Instrument :
BNA_N
ClientSampleId :
EB-01-031423RE

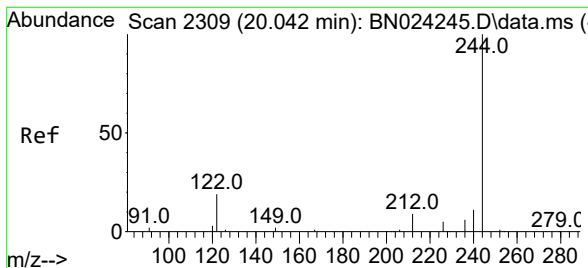
Tgt Ion:212 Resp: 17723
Ion Ratio Lower Upper
212 100
106 21.6 15.4 23.2
104 12.3 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024341.D
Acq: 17 Mar 2023 11:59

Tgt Ion:240 Resp: 16346
Ion Ratio Lower Upper
240 100
120 16.5 12.8 19.2
236 28.7 22.5 33.7





#31

Terphenyl-d14

Concen: 0.400 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

Instrument :

BNA_N

ClientSampleId :

EB-01-031423RE

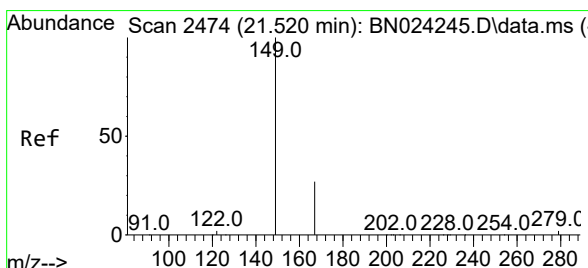
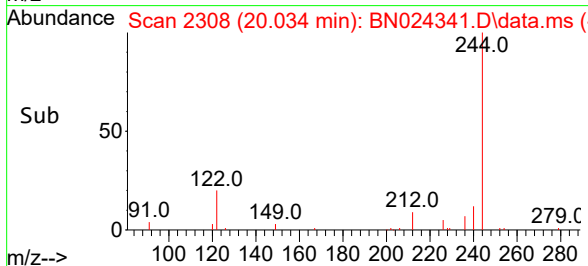
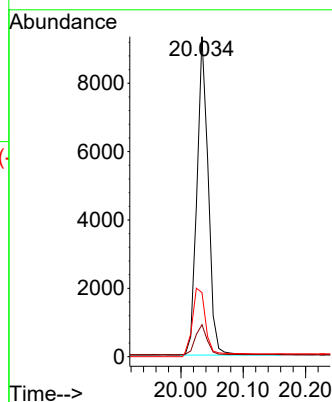
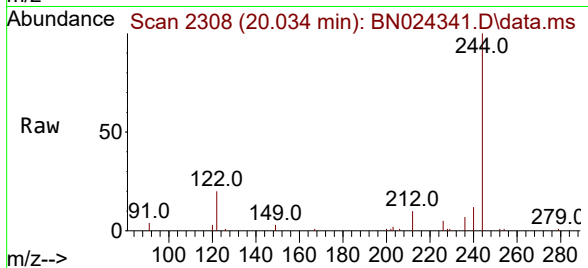
Tgt Ion:244 Resp: 11021

Ion Ratio Lower Upper

244 100

212 10.0 7.6 11.4

122 20.0 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024341.D

Acq: 17 Mar 2023 11:59

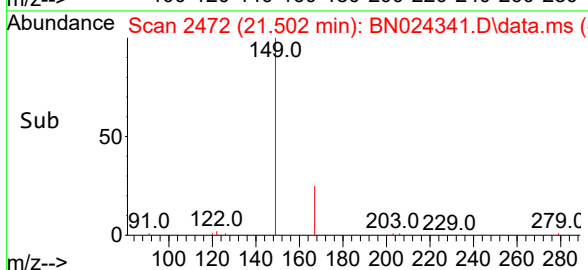
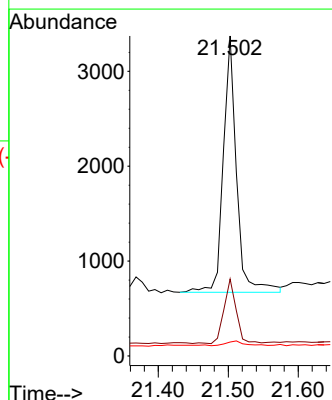
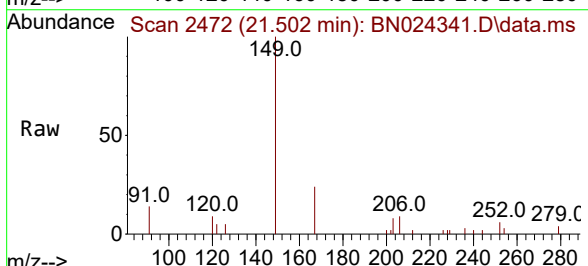
Tgt Ion:149 Resp: 3534

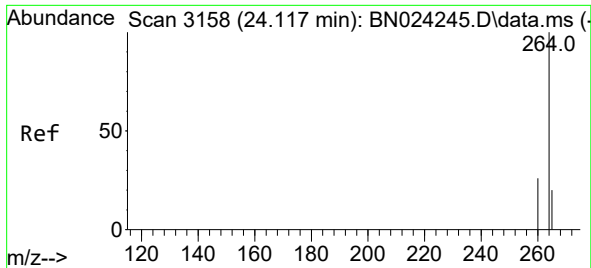
Ion Ratio Lower Upper

149 100

167 22.7 21.2 31.8

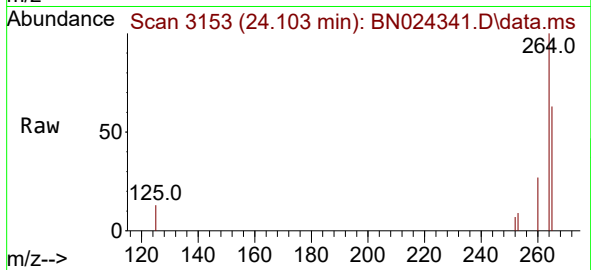
279 2.4 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.103 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BN024341.D
 Acq: 17 Mar 2023 11:59

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-031423RE



Tgt Ion:264 Resp: 11937
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.4 32.2
 265 63.1 35.7 53.5#

