

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030331.D
 Acq On : 07 Mar 2024 17:56
 Operator : MA/JU
 Sample : P1615-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20240227

Quant Time: Mar 07 23:06:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

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

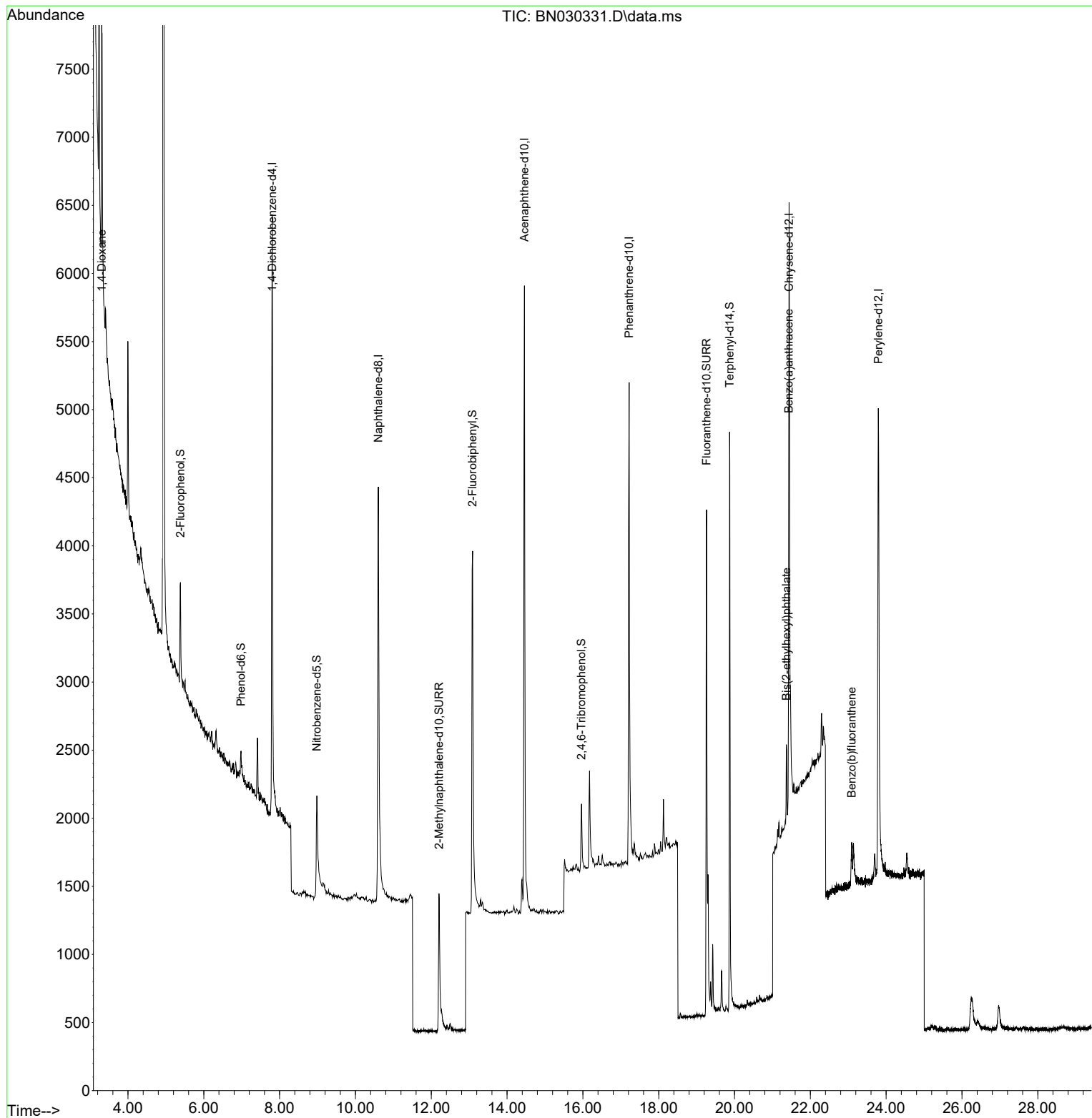
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2479	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	6231	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	3135	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	6314	0.400	ng	0.00
29) Chrysene-d12	21.438	240	5537	0.400	ng	0.00
35) Perylene-d12	23.794	264	6159	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	666	0.102	ng	0.00
5) Phenol-d6	6.981	99	328	0.048	ng	0.00
8) Nitrobenzene-d5	8.982	82	1297	0.228	ng	0.01
11) 2-Methylnaphthalene-d10	12.204	152	2255	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	366	0.227	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3507	0.269	ng	0.00
27) Fluoranthene-d10	19.262	212	5267	0.304	ng	0.00
31) Terphenyl-d14	19.870	244	4838	0.337	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.312	88	1727	0.537	ng	# 79
32) Benzo(a)anthracene	21.429	228	400	0.021	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.367	149	805	0.052	ng	# 91
37) Benzo(b)fluoranthene	23.090	252	439	0.020	ng	# 1

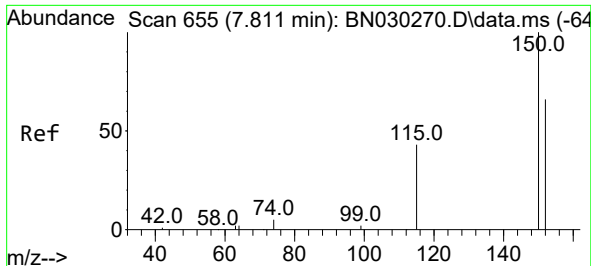
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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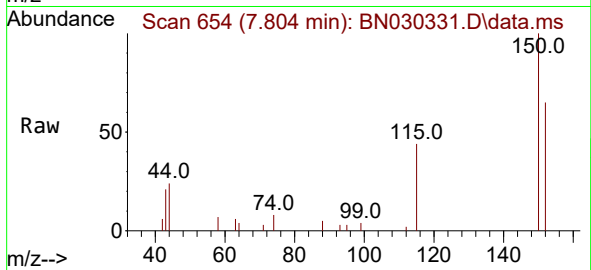
Quant Time: Mar 07 23:06:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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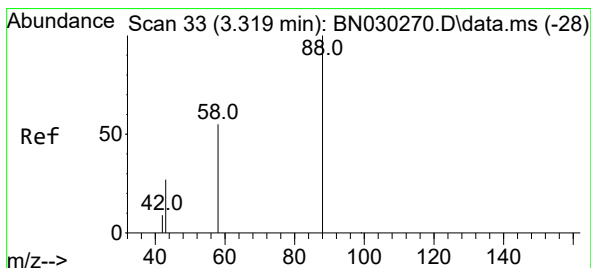
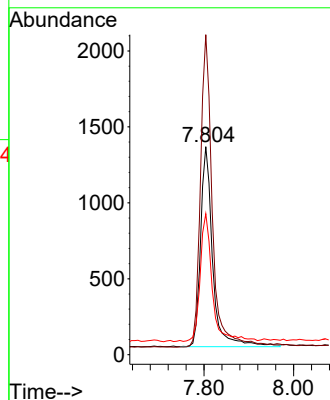
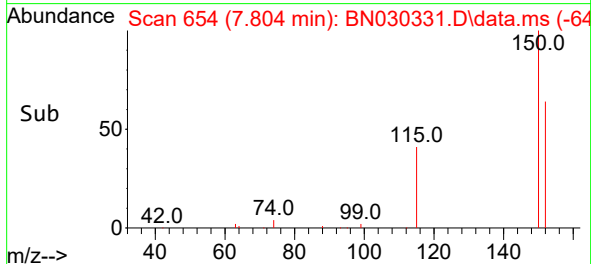


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030331.D
 Acq: 07 Mar 2024 17:56

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20240227

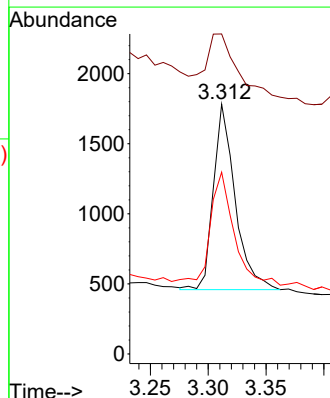
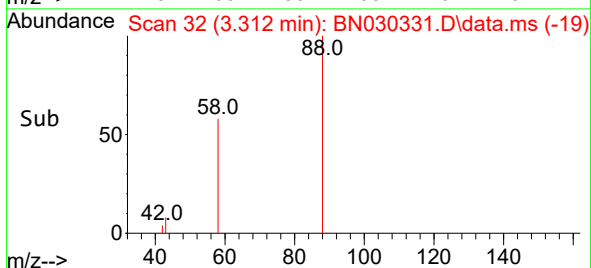
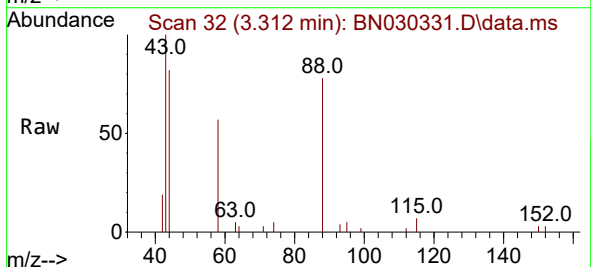


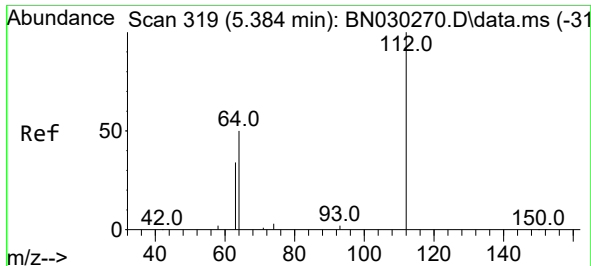
Tgt Ion: 152 Resp: 2479
 Ion Ratio Lower Upper
 152 100
 150 153.8 119.4 179.0
 115 67.7 56.9 85.3



#2
 1,4-Dioxane
 Concen: 0.537 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030331.D
 Acq: 07 Mar 2024 17:56

Tgt Ion: 88 Resp: 1727
 Ion Ratio Lower Upper
 88 100
 43 52.2 23.8 35.8#
 58 66.1 46.2 69.4

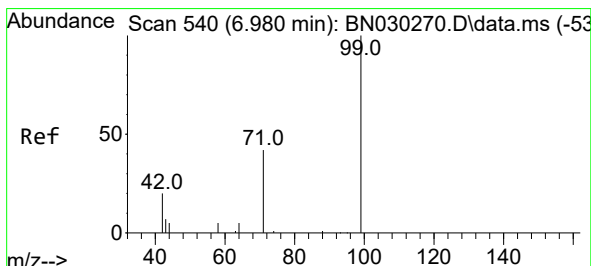
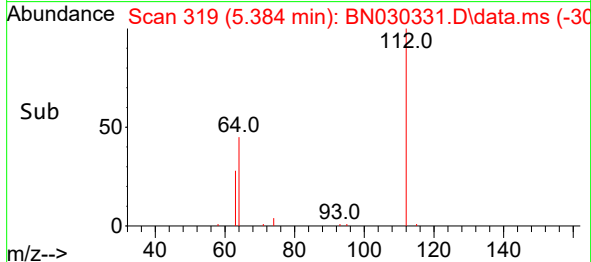
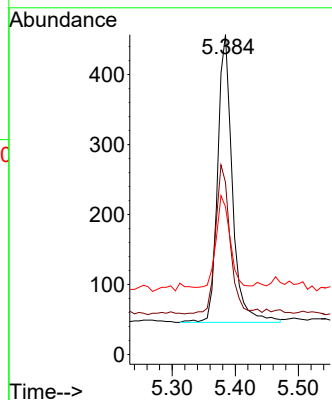
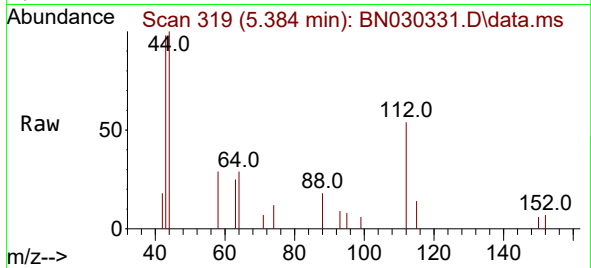




#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

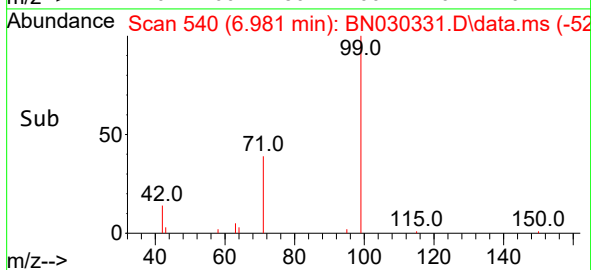
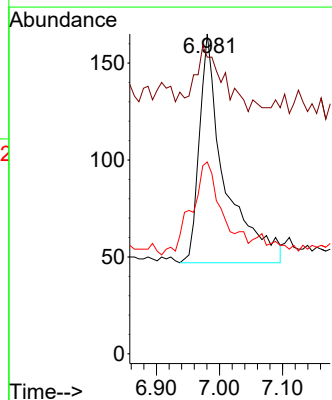
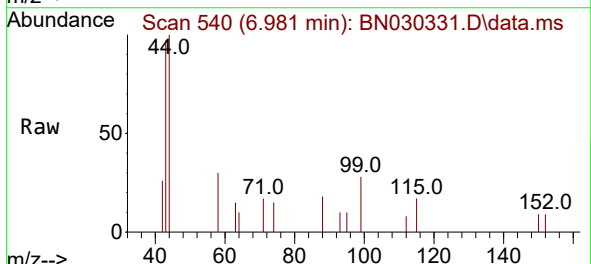
Instrument :
BNA_N
ClientSampleId :
TT17411-20240227

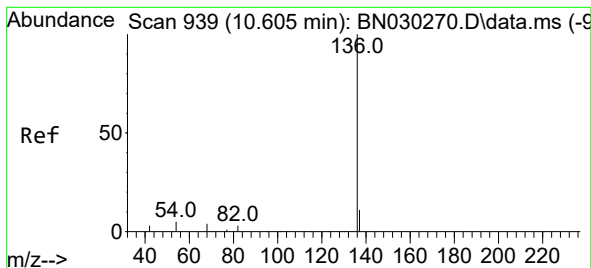
Tgt Ion:112 Resp: 666
Ion Ratio Lower Upper
112 100
64 51.1 41.8 62.8
63 30.8 27.1 40.7



#5
Phenol-d6
Concen: 0.048 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

Tgt Ion: 99 Resp: 328
Ion Ratio Lower Upper
99 100
42 29.6 19.0 28.6#
71 49.7 36.0 54.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN030331.D

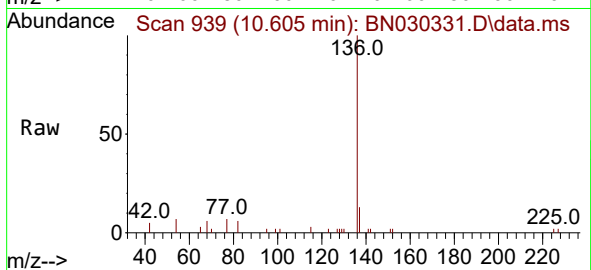
Acq: 07 Mar 2024 17:56

Instrument :

BNA_N

ClientSampleId :

TT17411-20240227



Tgt Ion:136 Resp: 6231

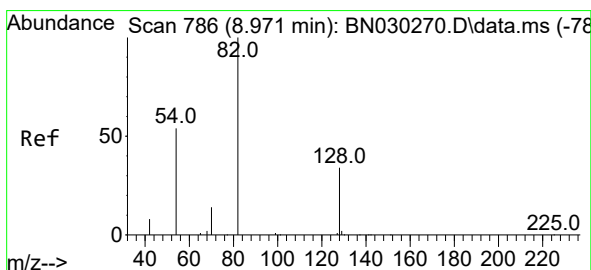
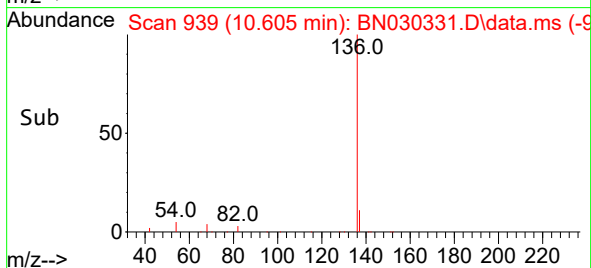
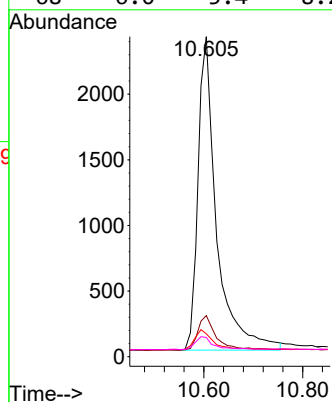
Ion Ratio Lower Upper

136 100

137 12.8 10.5 15.7

54 7.1 6.4 9.6

68 6.0 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.228 ng

RT: 8.982 min Scan# 787

Delta R.T. 0.011 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

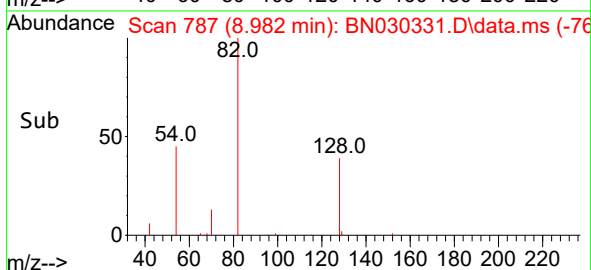
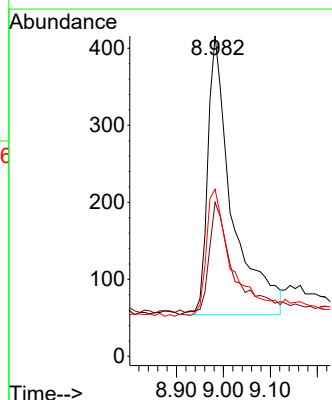
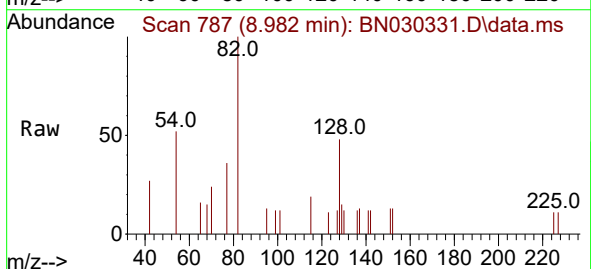
Tgt Ion: 82 Resp: 1297

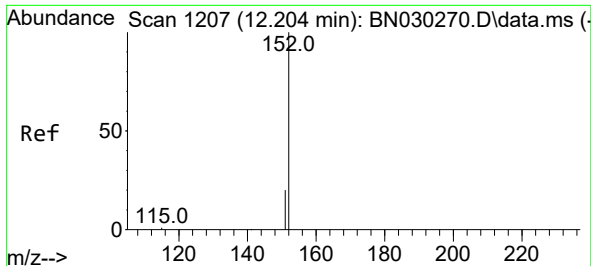
Ion Ratio Lower Upper

82 100

128 48.1 32.2 48.2

54 52.2 47.3 70.9





#11

2-Methylnaphthalene-d10

Concen: 0.249 ng

RT: 12.204 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

Instrument :

BNA_N

ClientSampleId :

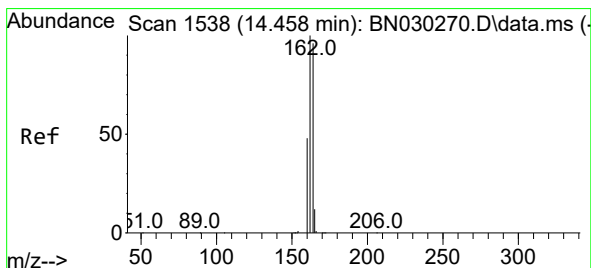
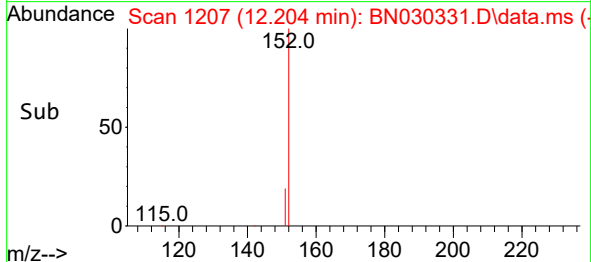
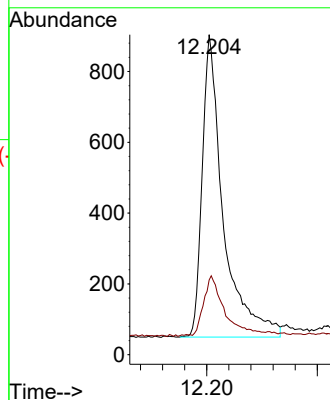
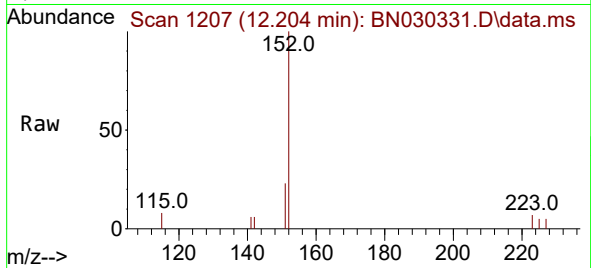
TT17411-20240227

Tgt Ion:152 Resp: 2255

Ion Ratio Lower Upper

152 100

151 19.2 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.458 min Scan# 1538

Delta R.T. 0.000 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

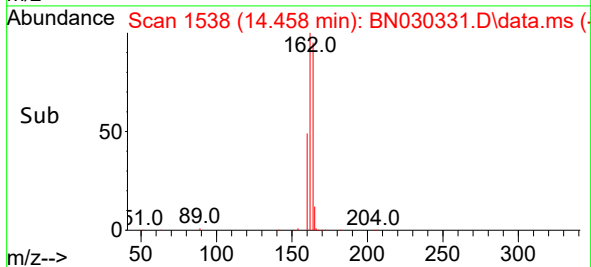
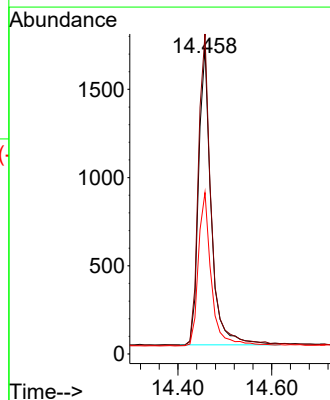
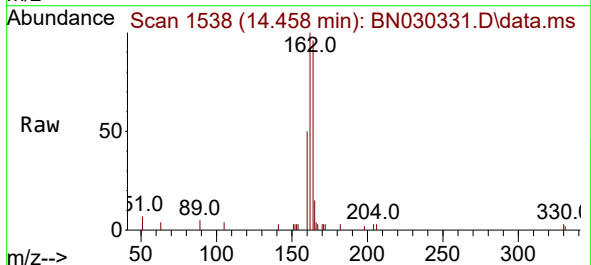
Tgt Ion:164 Resp: 3135

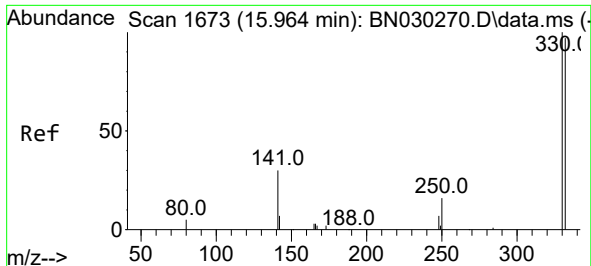
Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.2

160 52.8 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.227 ng

RT: 15.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN030331.D

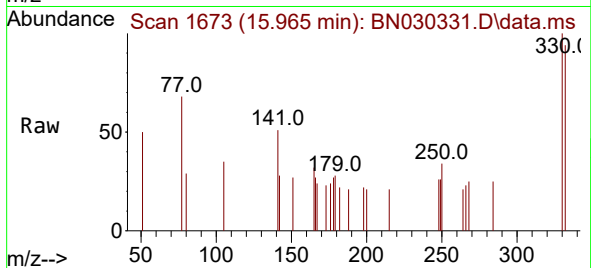
Acq: 07 Mar 2024 17:56

Instrument :

BNA_N

ClientSampleId :

TT17411-20240227



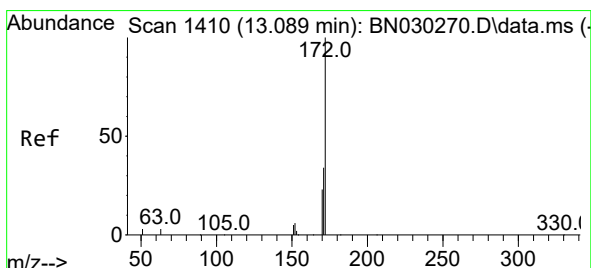
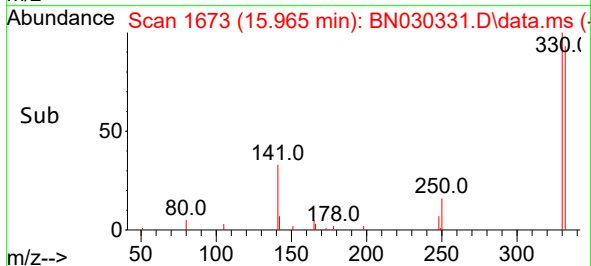
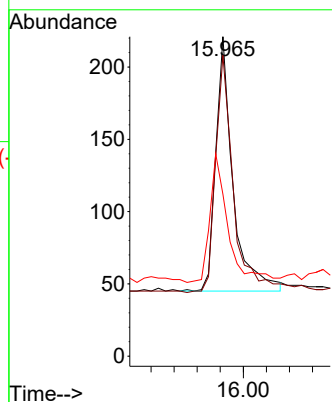
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 95.1 72.6 108.8

141 52.5 41.3 61.9



#15

2-Fluorobiphenyl

Concen: 0.269 ng

RT: 13.089 min Scan# 1410

Delta R.T. 0.000 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

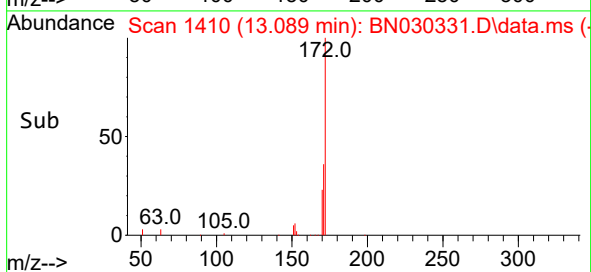
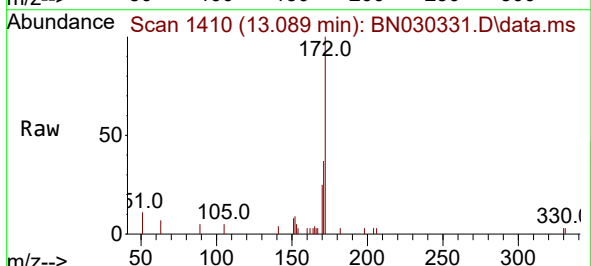
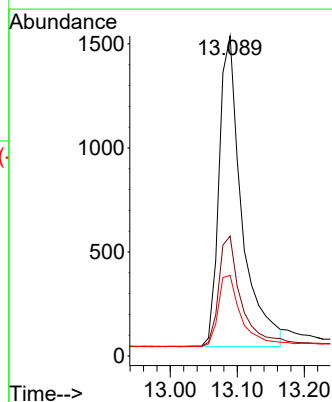
Tgt Ion:172 Resp: 3507

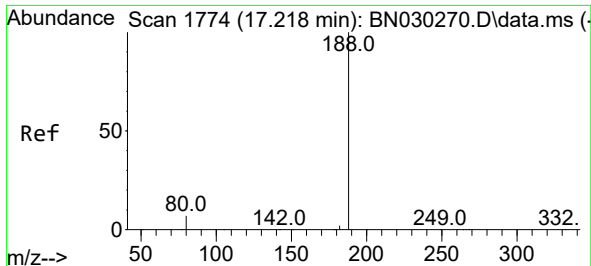
Ion Ratio Lower Upper

172 100

171 37.5 29.0 43.4

170 25.2 20.2 30.2

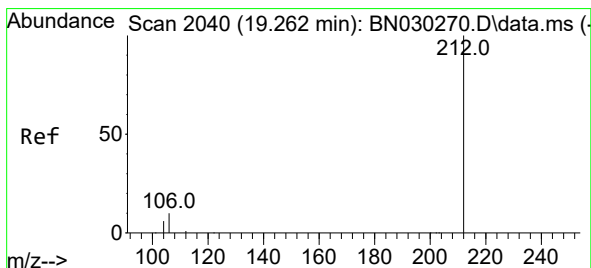
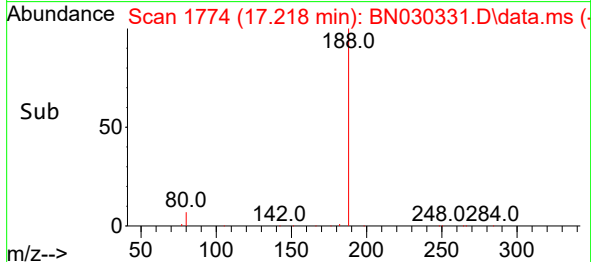
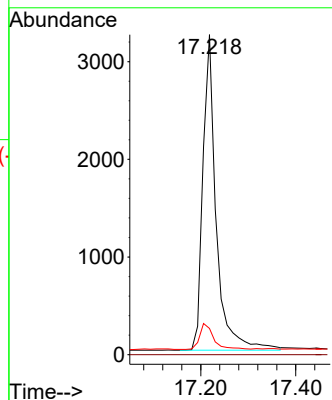
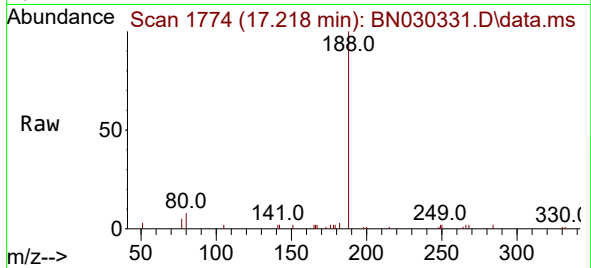




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

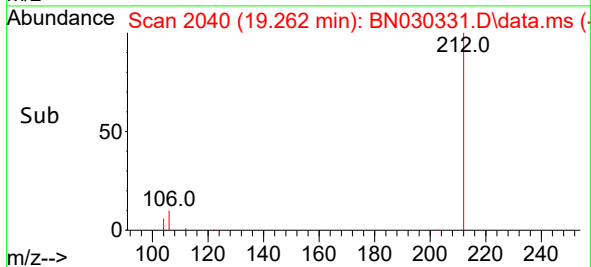
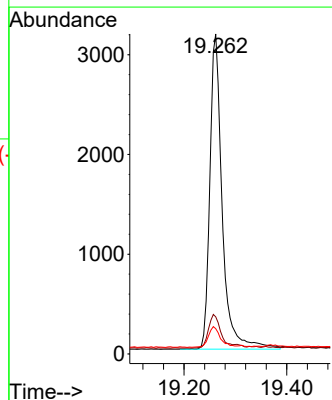
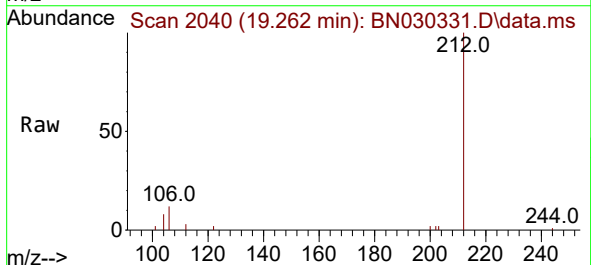
Instrument :
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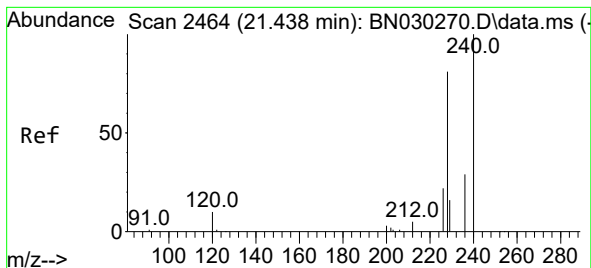
Tgt Ion:188 Resp: 6314
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.262 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

Tgt Ion:212 Resp: 5267
Ion Ratio Lower Upper
212 100
106 11.2 8.2 12.4
104 6.5 4.7 7.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. 0.000 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

Instrument :

BNA_N

ClientSampleId :

TT17411-20240227

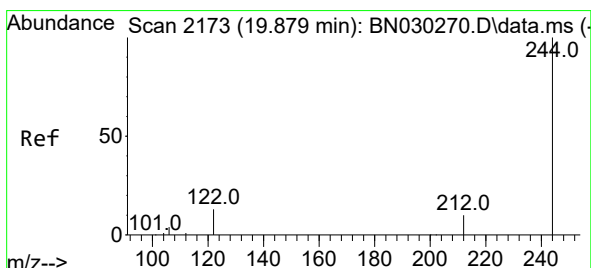
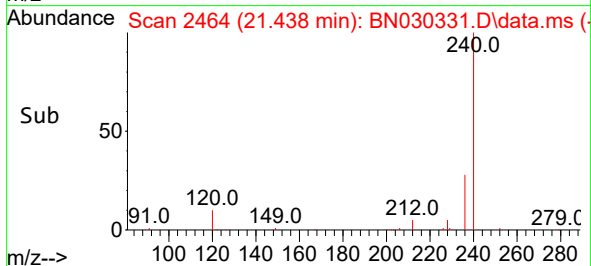
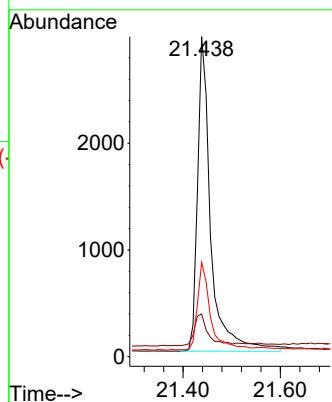
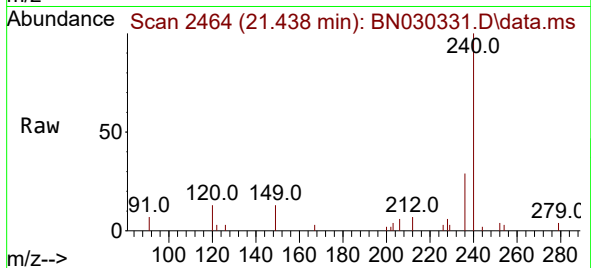
Tgt Ion:240 Resp: 5537

Ion Ratio Lower Upper

240 100

120 13.3 12.2 18.2

236 29.5 25.2 37.8



#31

Terphenyl-d14

Concen: 0.337 ng

RT: 19.870 min Scan# 2171

Delta R.T. -0.009 min

Lab File: BN030331.D

Acq: 07 Mar 2024 17:56

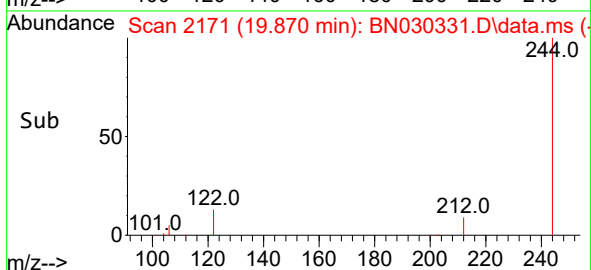
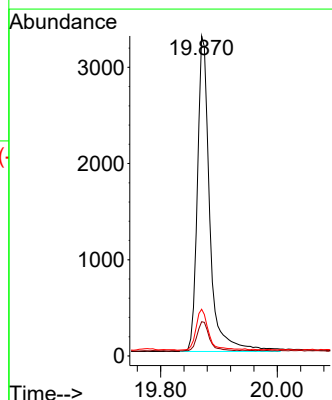
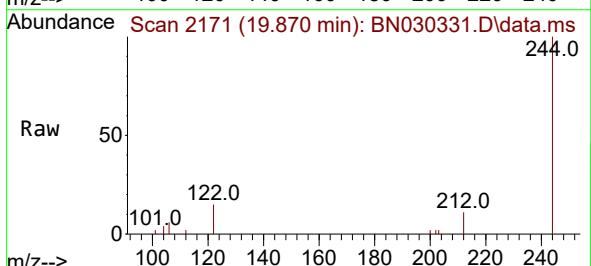
Tgt Ion:244 Resp: 4838

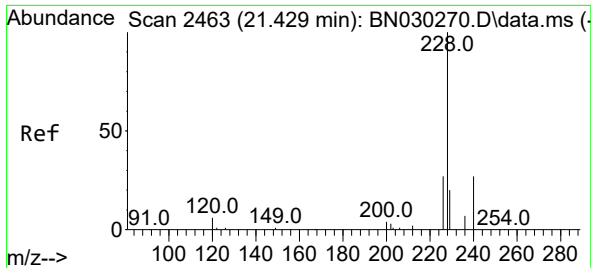
Ion Ratio Lower Upper

244 100

212 10.7 9.5 14.3

122 14.6 11.8 17.6

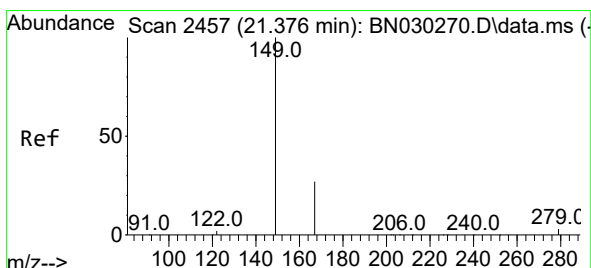
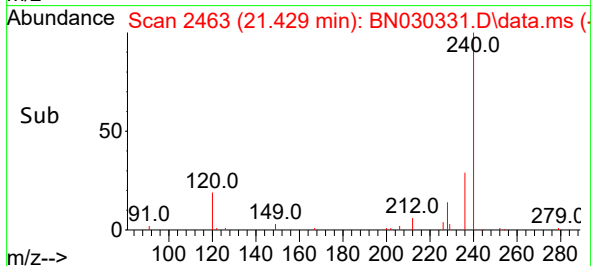
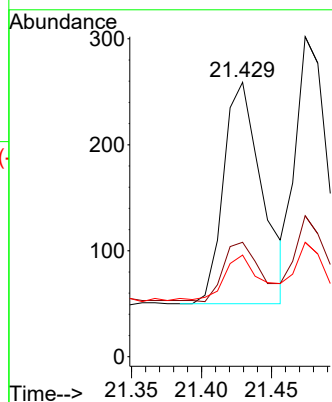
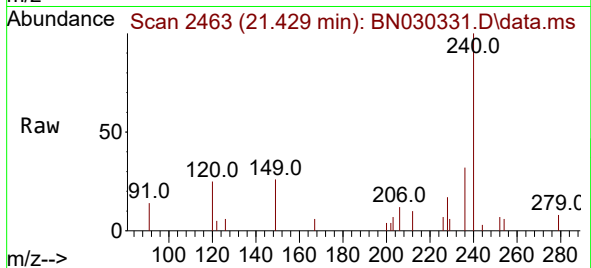




#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.429 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

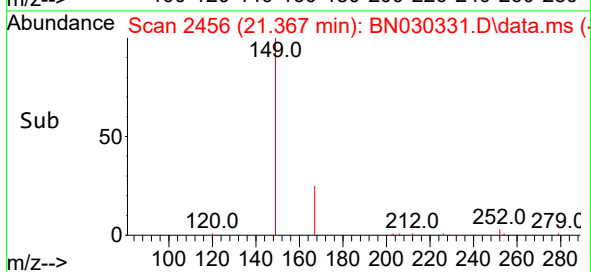
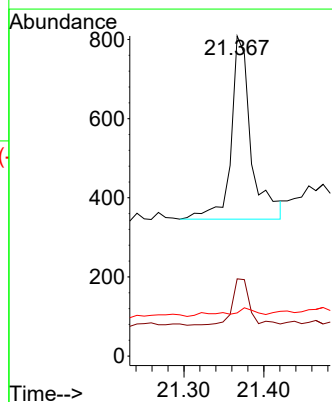
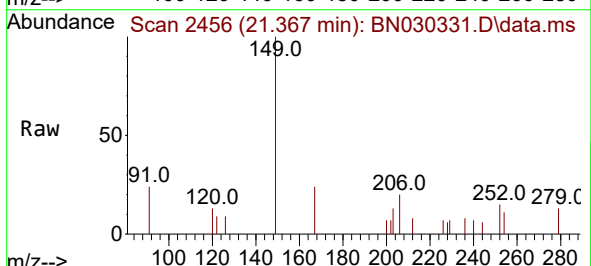
Instrument :
BNA_N
ClientSampleId :
TT17411-20240227

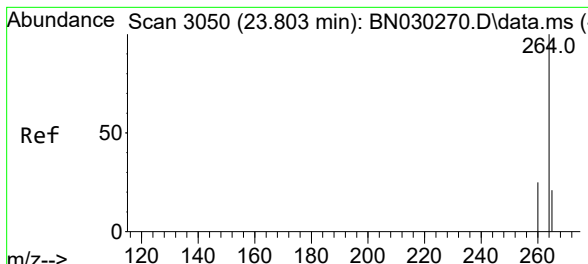
Tgt Ion:228 Resp: 400
Ion Ratio Lower Upper
228 100
226 41.7 23.1 34.7#
229 37.1 17.0 25.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.367 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BN030331.D
Acq: 07 Mar 2024 17:56

Tgt Ion:149 Resp: 805
Ion Ratio Lower Upper
149 100
167 21.2 20.6 30.8
279 2.6 4.0 6.0#



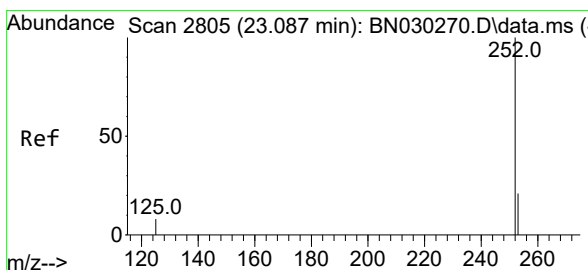
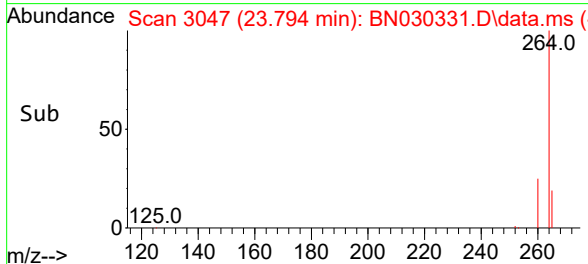
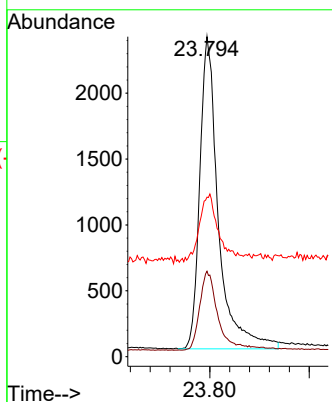
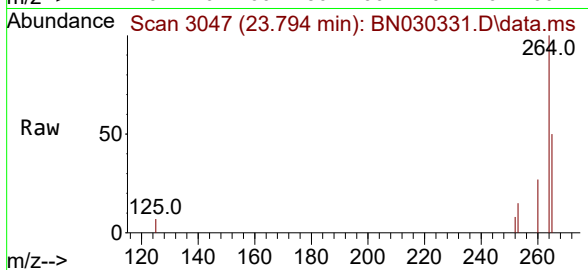


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3050
 Delta R.T. -0.009 min
 Lab File: BN030331.D
 Acq: 07 Mar 2024 17:56

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20240227

Tgt Ion:264 Resp: 6159

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.7	32.5
265	49.9	50.8	76.2#



#37
 Benzo(b)fluoranthene
 Concen: 0.020 ng
 RT: 23.090 min Scan# 2806
 Delta R.T. 0.003 min
 Lab File: BN030331.D
 Acq: 07 Mar 2024 17:56

Tgt Ion:252 Resp: 439

Ion	Ratio	Lower	Upper
252	100		
253	103.3	25.4	38.0#
125	47.4	10.0	15.0#

