

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036593.D
 Acq On : 12 Mar 2025 10:26
 Operator : RC/JU
 Sample : Q1531-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 10:50:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

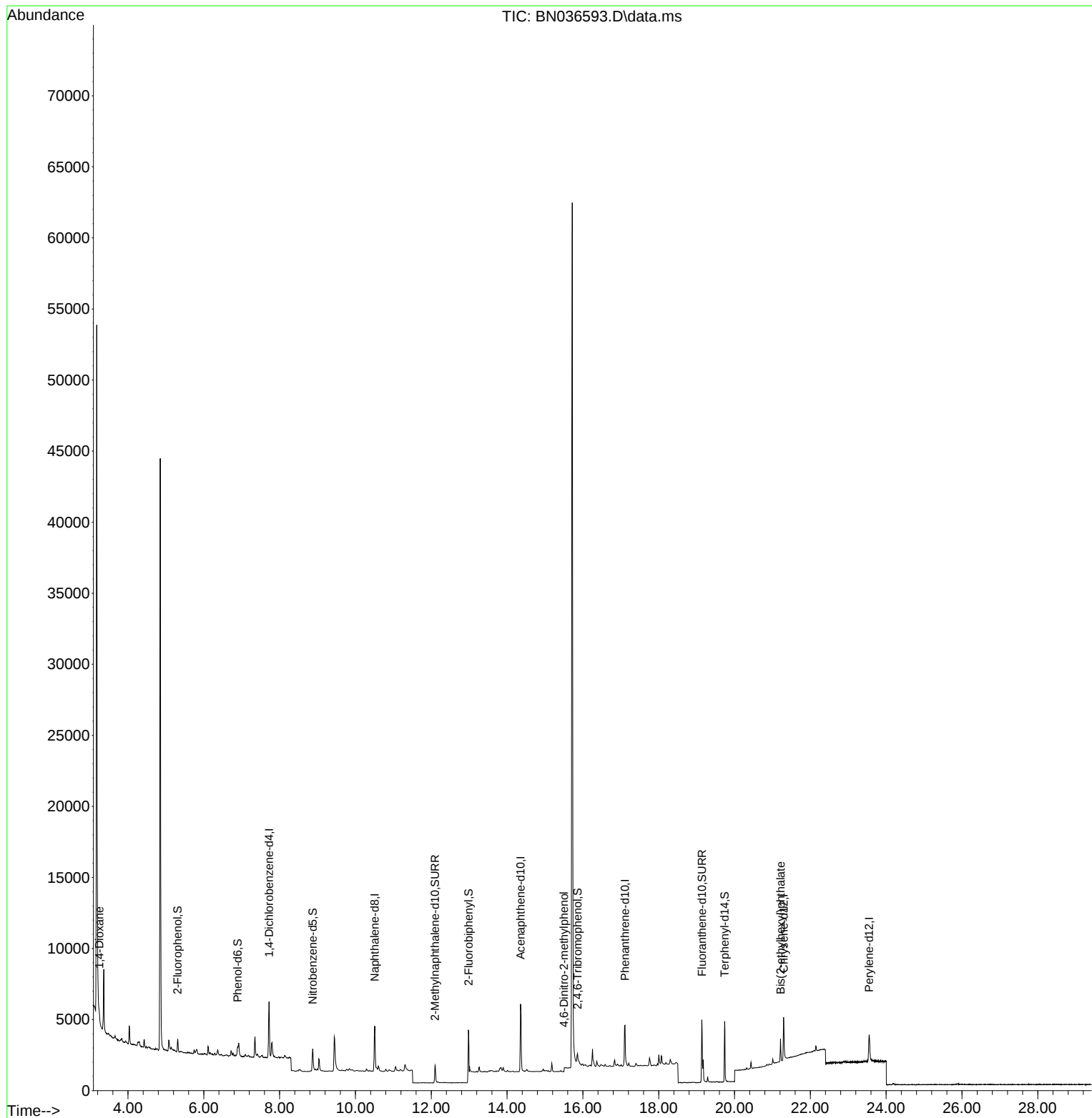
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1963	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4459	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	2879	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	5114	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3421	0.400	ng	0.00
35) Perylene-d12	23.551	264	2969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	634	0.139	ng	0.00
5) Phenol-d6	6.894	99	421	0.074	ng	0.00
8) Nitrobenzene-d5	8.875	82	1484	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1943	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	475	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5205	0.311	ng	0.00
27) Fluoranthene-d10	19.141	212	5327	0.406	ng	0.00
31) Terphenyl-d14	19.740	244	4189	0.511	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	340	0.156	ng	Qvalue # 23
20) 4,6-Dinitro-2-methylph...	15.499	198	8	0.152	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	1643	0.194	ng	96

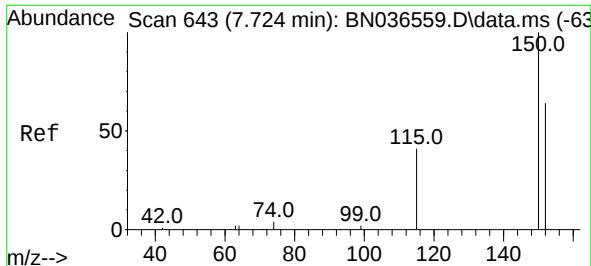
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
Data File : BN036593.D
Acq On : 12 Mar 2025 10:26
Operator : RC/JU
Sample : Q1531-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

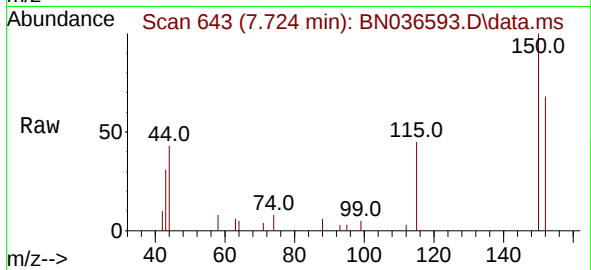
Quant Time: Mar 12 10:50:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



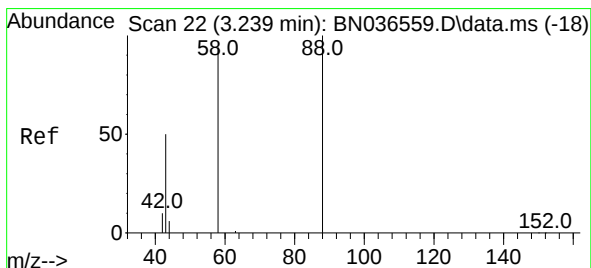
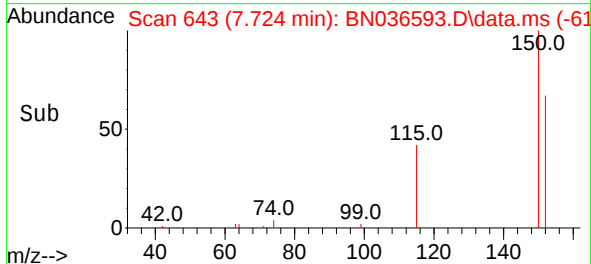
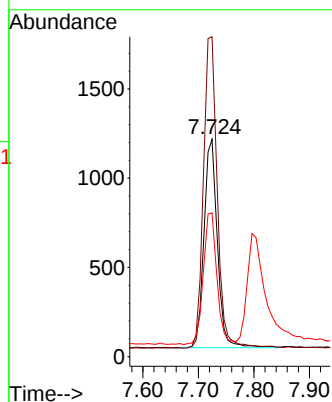


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036593.D
 Acq: 12 Mar 2025 10:26

Instrument :
 BNA_N
 ClientSampleId :

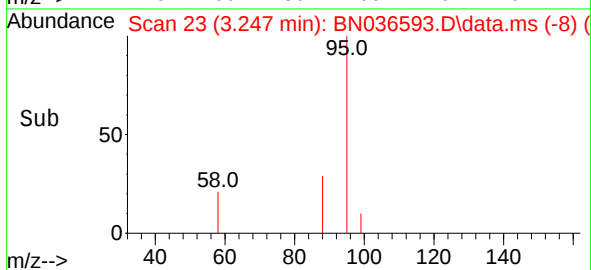
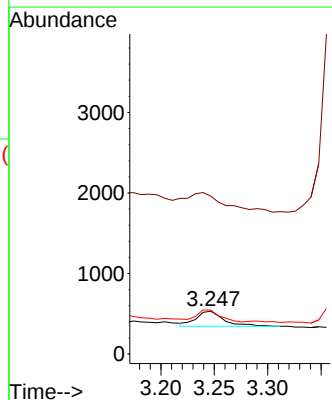
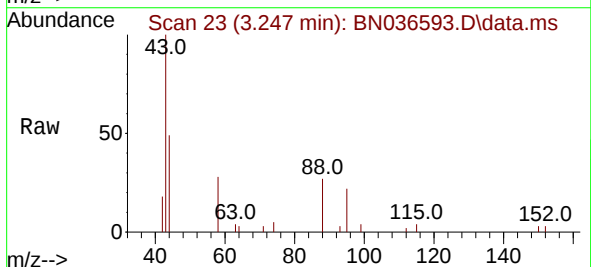


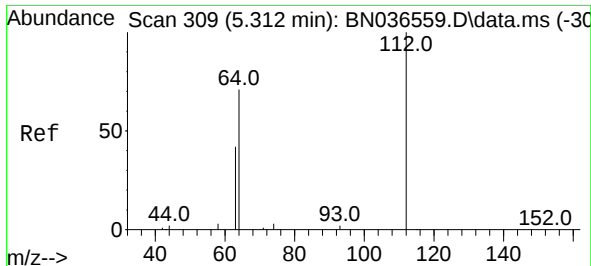
Tgt Ion:152 Resp: 1963
 Ion Ratio Lower Upper
 152 100
 150 147.2 123.7 185.5
 115 66.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.156 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.008 min
 Lab File: BN036593.D
 Acq: 12 Mar 2025 10:26

Tgt Ion: 88 Resp: 340
 Ion Ratio Lower Upper
 88 100
 43 164.4 37.8 56.8#
 58 64.1 67.4 101.2#

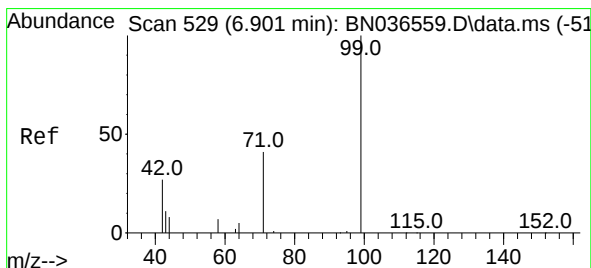
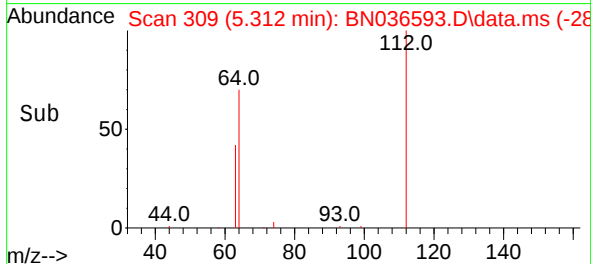
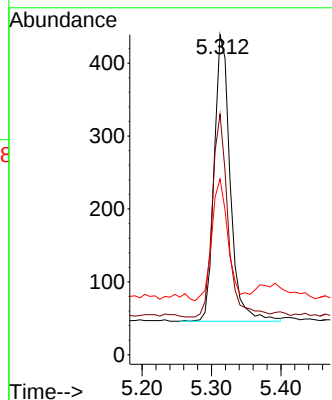
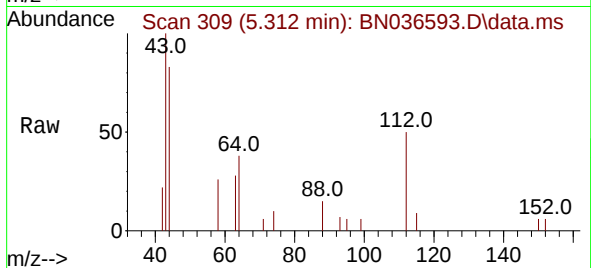




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

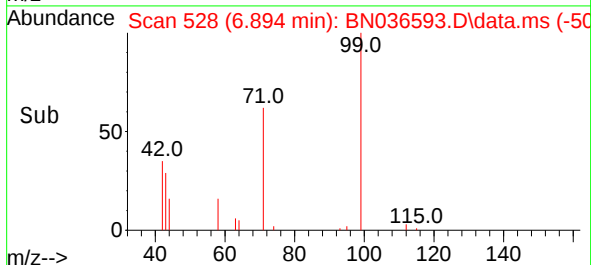
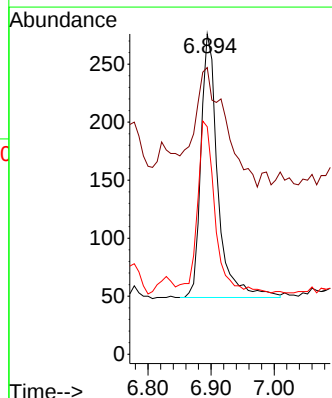
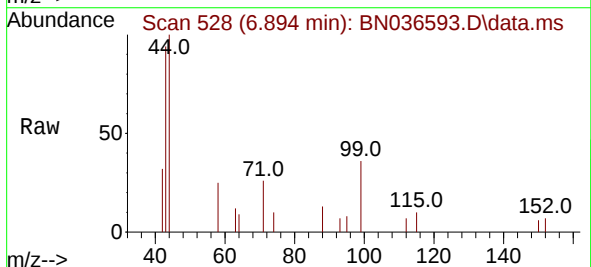
Instrument :
BNA_N
ClientSampleId :

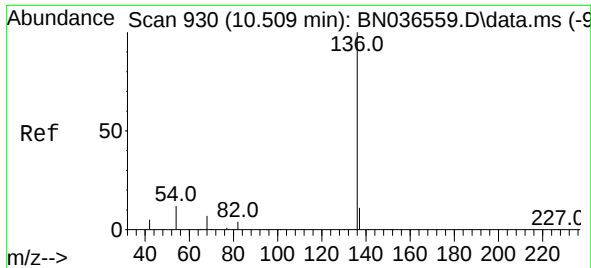
Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
64 69.2 53.1 79.7
63 43.2 31.8 47.8



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

Tgt Ion: 99 Resp: 421
Ion Ratio Lower Upper
99 100
42 83.1 26.5 39.7#
71 68.6 34.1 51.1#

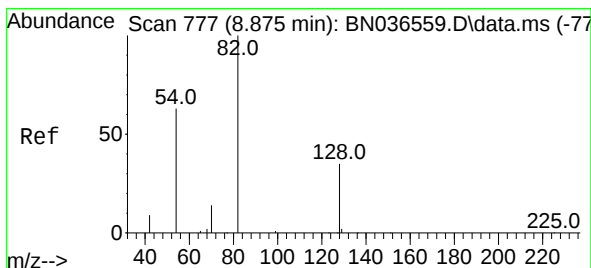
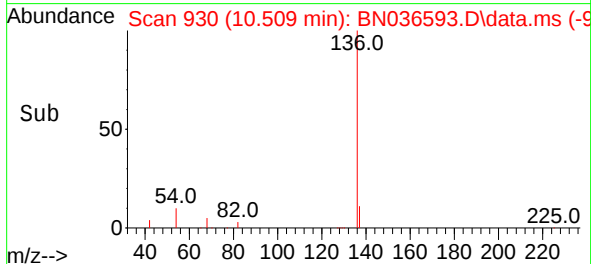
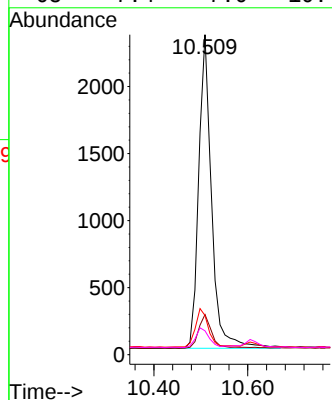
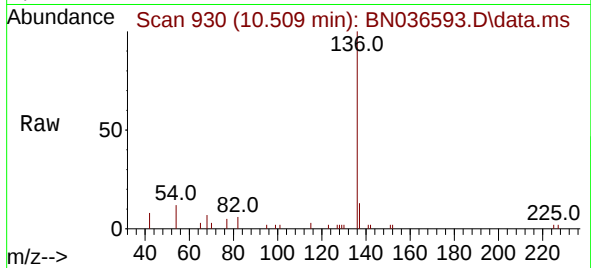




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

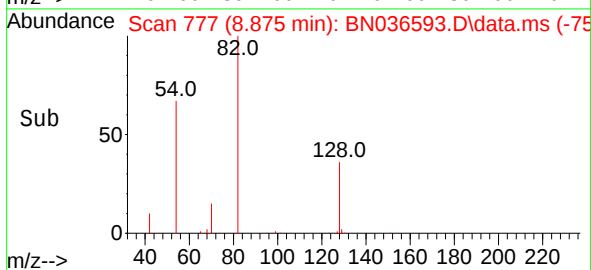
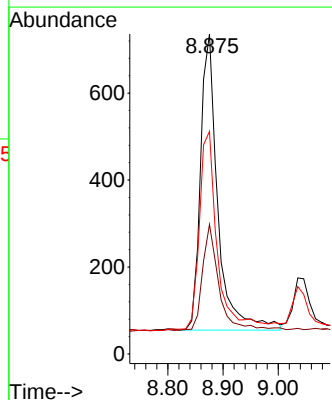
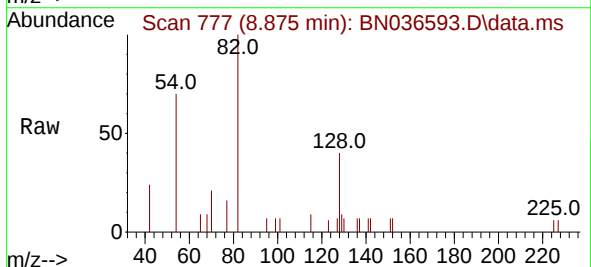
Instrument :
BNA_N
ClientSampleId :

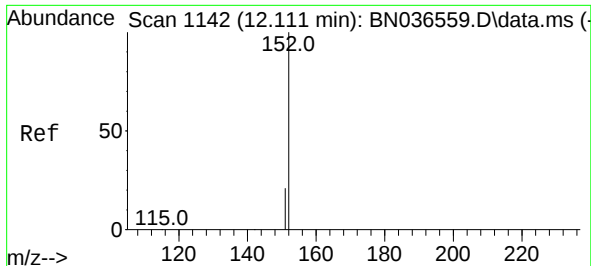
Tgt Ion:	136	Resp:	4459
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	12.2	11.5	17.3
68	7.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

Tgt Ion:	82	Resp:	1484
Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.6	45.8
54	69.6	52.2	78.4





#11

2-Methylnaphthalene-d10

Concen: 0.293 ng

RT: 12.101 min Scan# 1140

Delta R.T. -0.010 min

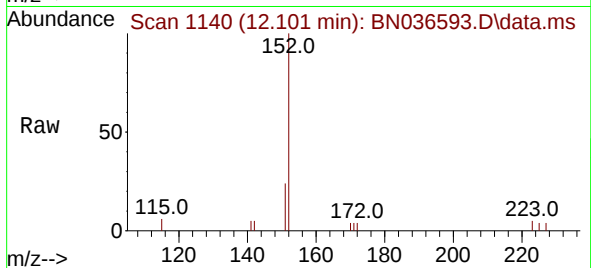
Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

Instrument :

BNA_N

ClientSampleId :

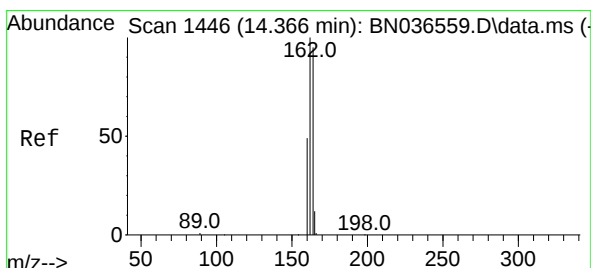
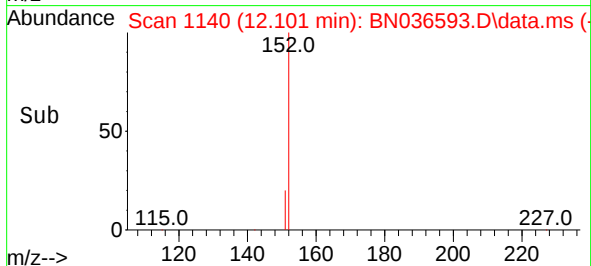
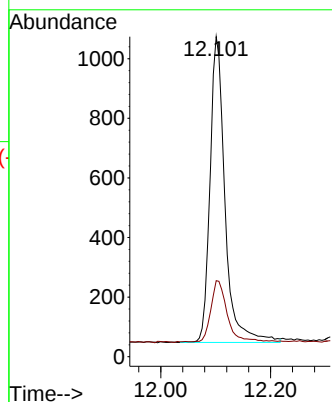


Tgt Ion:152 Resp: 1943

Ion Ratio Lower Upper

152 100

151 21.8 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.356 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

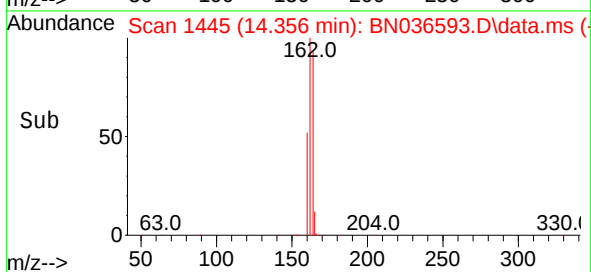
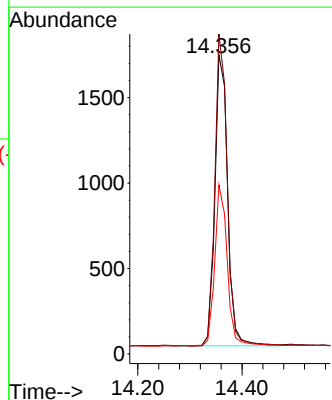
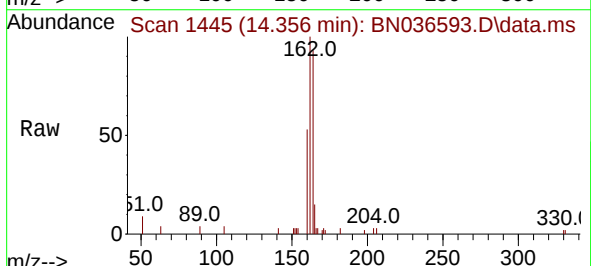
Tgt Ion:164 Resp: 2879

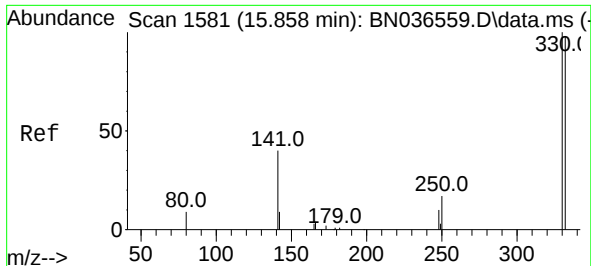
Ion Ratio Lower Upper

164 100

162 107.0 84.2 126.2

160 56.5 42.2 63.2





#14

2,4,6-Tribromophenol

Concen: 0.364 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

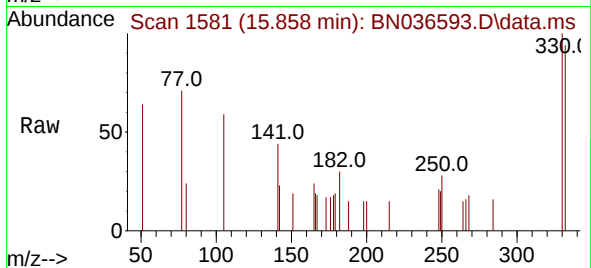
Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

Instrument :

BNA_N

ClientSampleId :



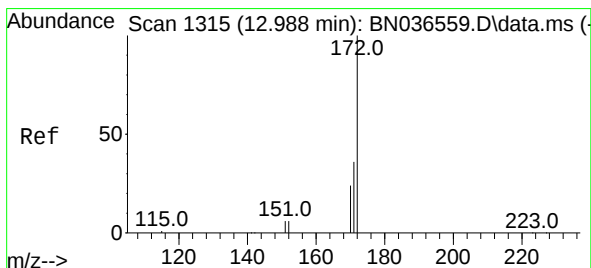
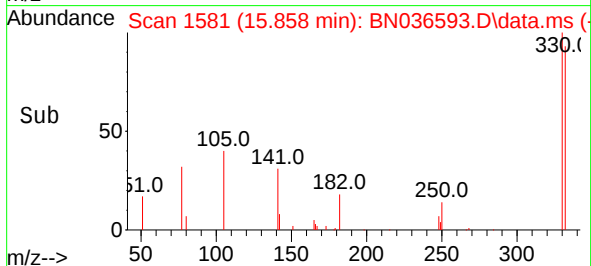
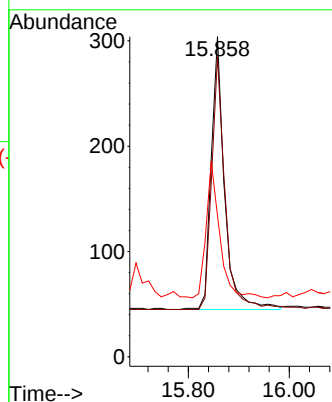
Tgt Ion:330 Resp: 475

Ion Ratio Lower Upper

330 100

332 93.1 75.2 112.8

141 51.6 43.4 65.2



#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 12.983 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

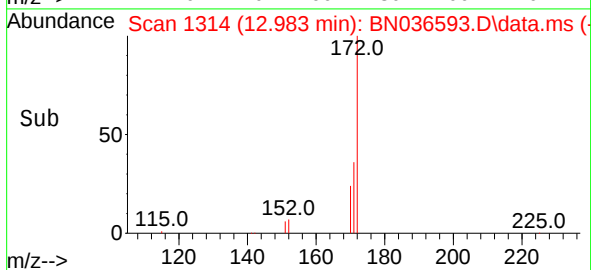
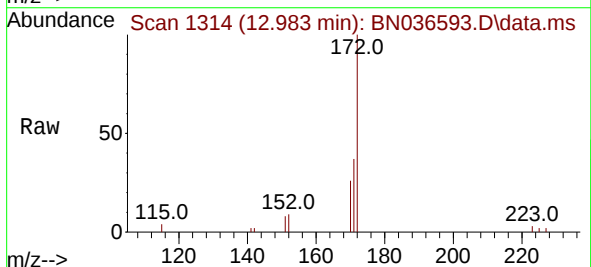
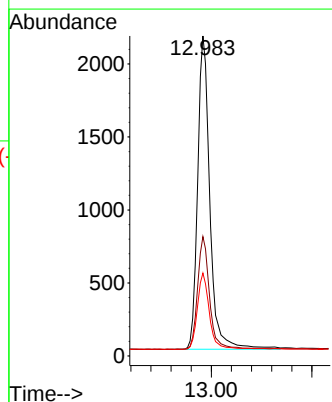
Tgt Ion:172 Resp: 5205

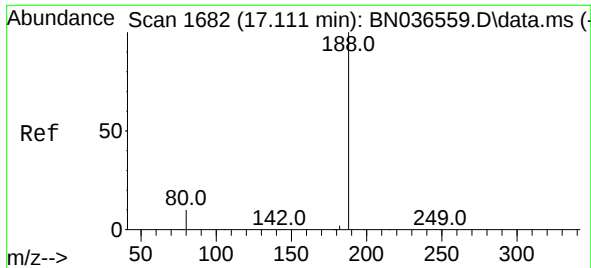
Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

170 25.9 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

Instrument :

BNA_N

ClientSampleId :

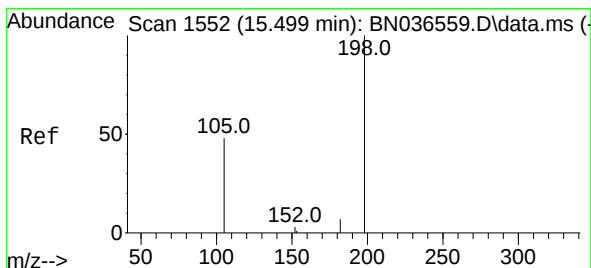
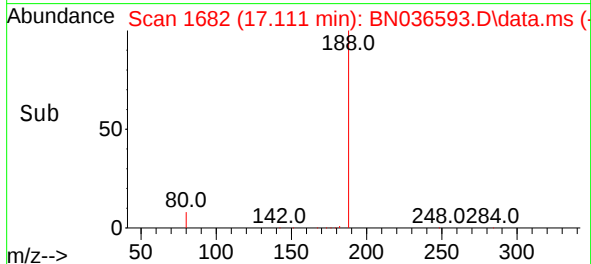
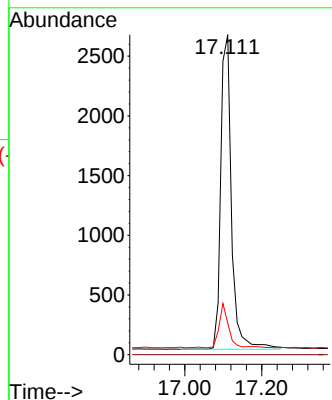
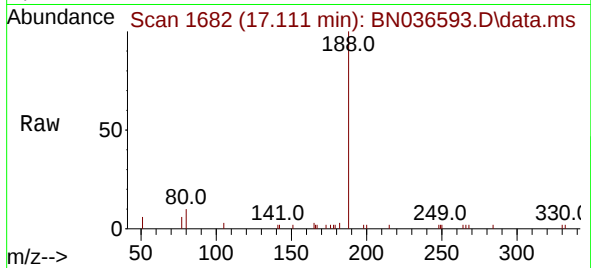
Tgt Ion:188 Resp: 5114

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.152 ng

RT: 15.499 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BN036593.D

Acq: 12 Mar 2025 10:26

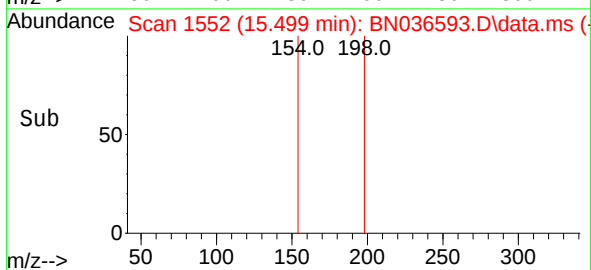
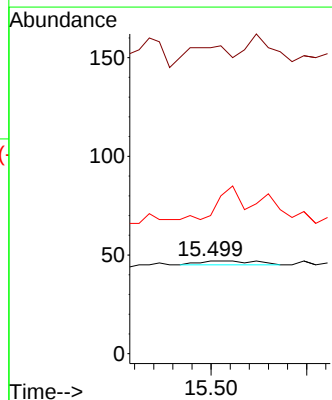
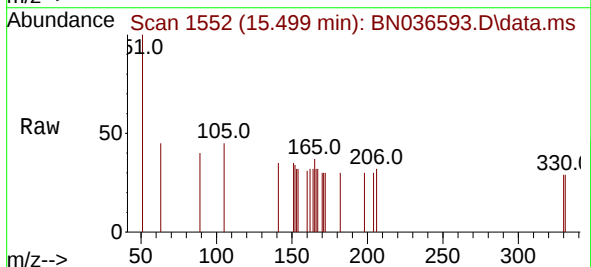
Tgt Ion:198 Resp: 8

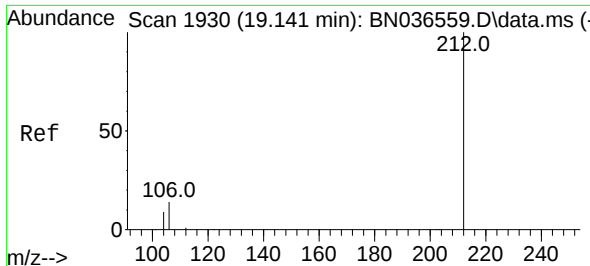
Ion Ratio Lower Upper

198 100

51 329.8 107.9 161.9#

105 148.9 56.2 84.2#



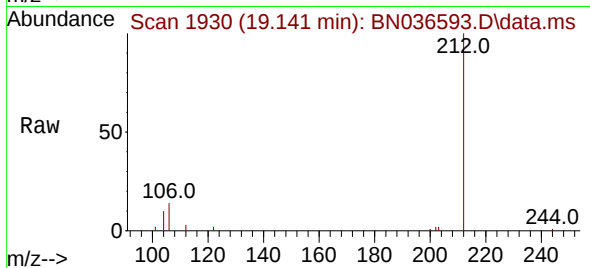


#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

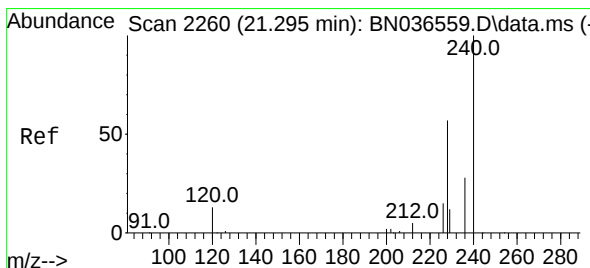
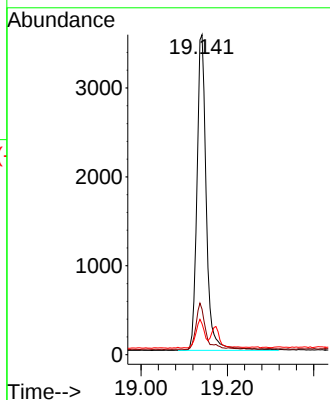
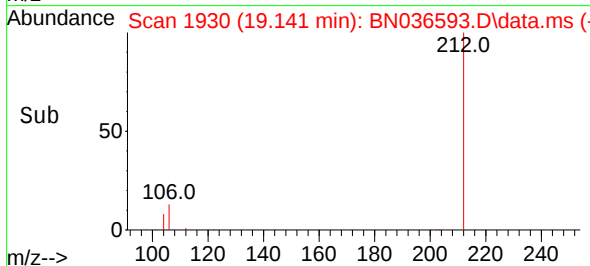
Instrument :

BNA_N

ClientSampleId :

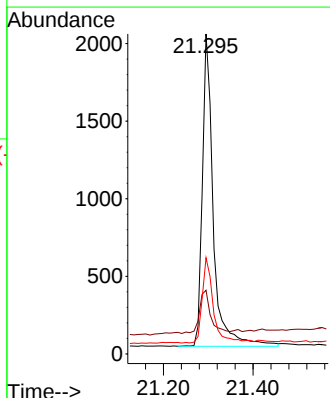
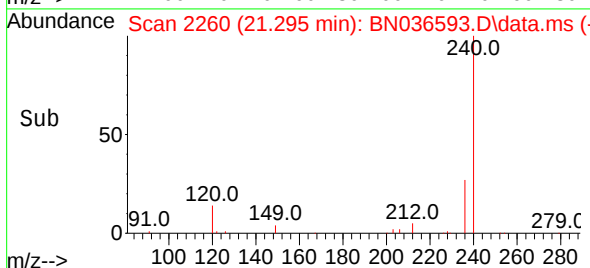
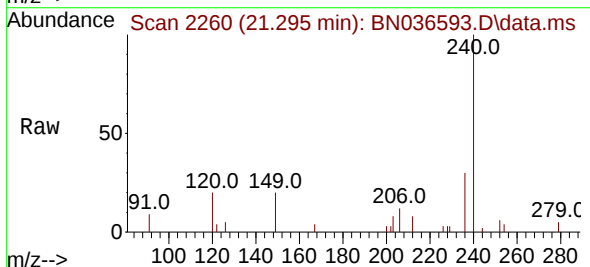


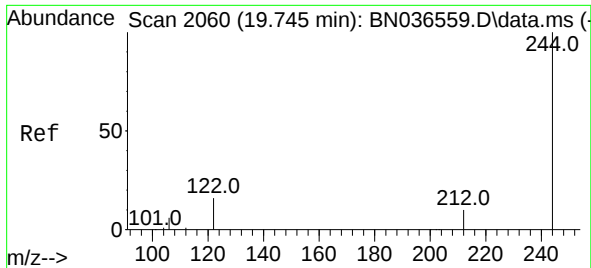
Tgt Ion:212 Resp: 5327
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

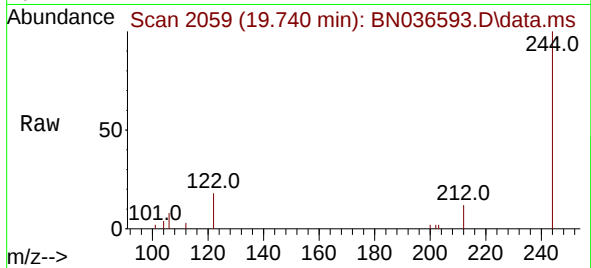
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Ion Ratio Lower Upper
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120 19.9 14.6 22.0
236 30.1 24.1 36.1



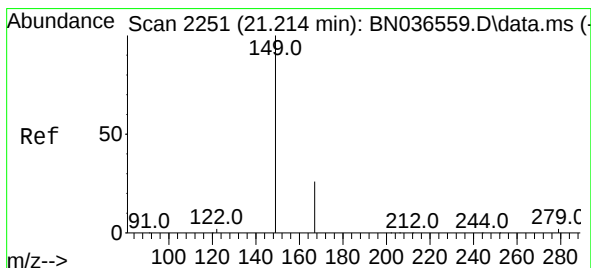
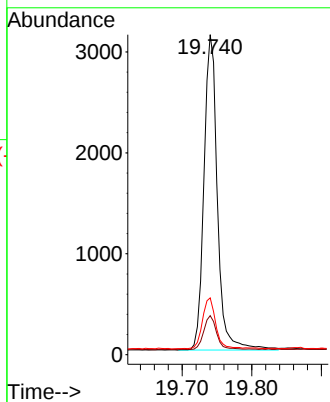
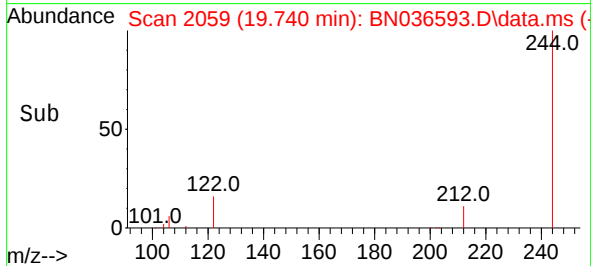


#31
 Terphenyl-d14
 Concen: 0.511 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036593.D
 Acq: 12 Mar 2025 10:26

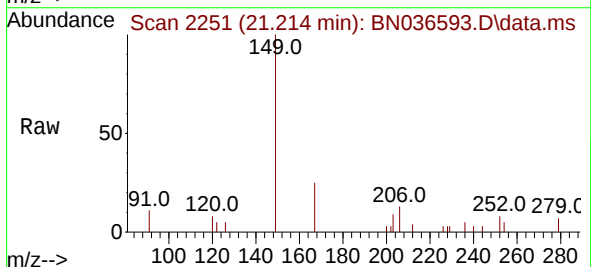
Instrument :
 BNA_N
 ClientSampleId :



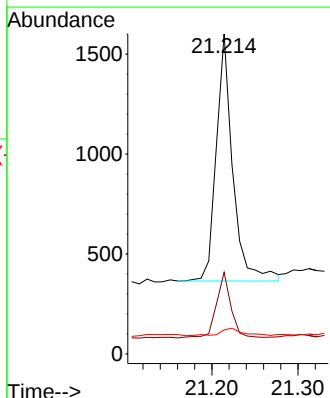
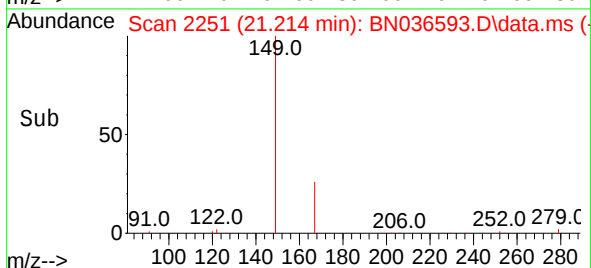
Tgt Ion:244 Resp: 4189
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.6 14.4
 122 17.8 13.9 20.9

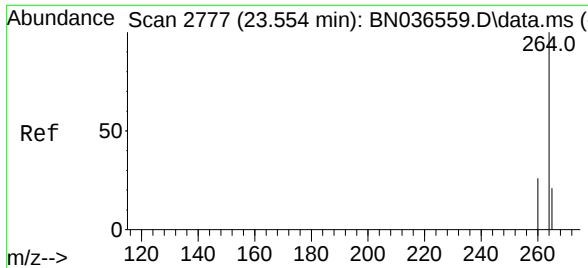


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.194 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036593.D
 Acq: 12 Mar 2025 10:26



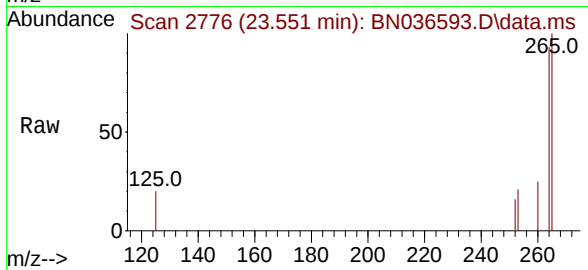
Tgt Ion:149 Resp: 1643
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.7 31.1
 279 4.2 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036593.D
Acq: 12 Mar 2025 10:26

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	2969
Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.6	33.8
265	107.8	88.1	132.1

