

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036546.D
 Acq On : 07 Mar 2025 14:24
 Operator : RC/JU
 Sample : Q1500-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20250304

Quant Time: Mar 07 14:52:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

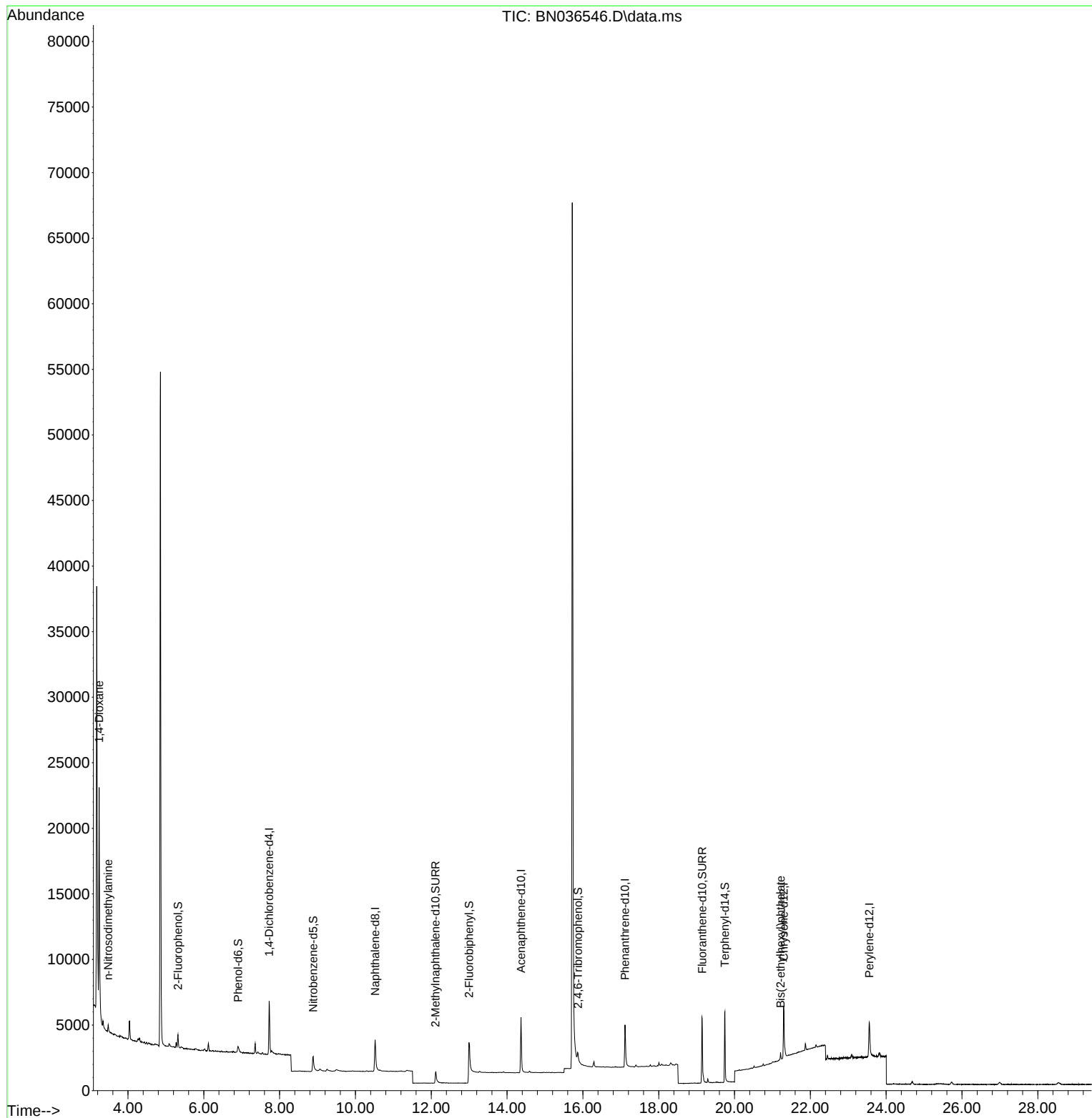
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1944	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4298	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2675	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5594	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4707	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	4459	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	760	0.165	ng	0.00
5) Phenol-d6	6.908	99	517	0.096	ng	0.00
8) Nitrobenzene-d5	8.886	82	1470	0.347	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	2005	0.304	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	488	0.368	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	5197	0.517	ng	0.01
27) Fluoranthene-d10	19.146	212	6436	0.414	ng	0.00
31) Terphenyl-d14	19.745	244	5755	0.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	9494	4.464	ng	99
3) n-Nitrosodimethylamine	3.478	42	86	0.023	ng	# 16
34) Bis(2-ethylhexyl)phtha...	21.214	149	635	0.066	ng	# 90

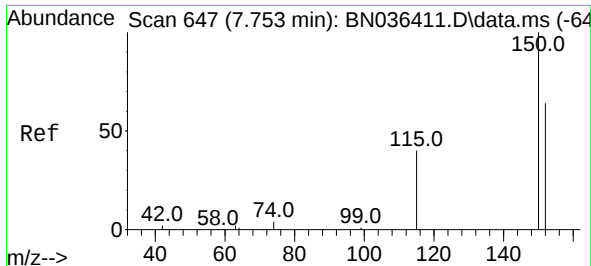
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036546.D
Acq On : 07 Mar 2025 14:24
Operator : RC/JU
Sample : Q1500-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE114D2-20250304

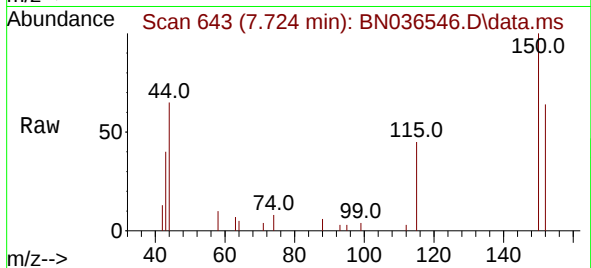
Quant Time: Mar 07 14:52:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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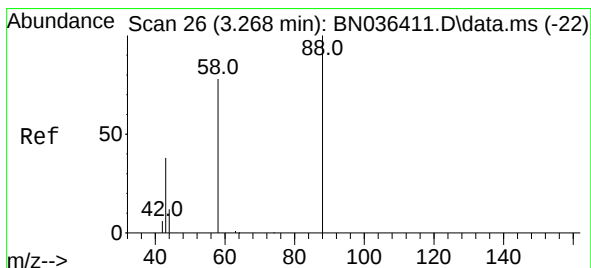
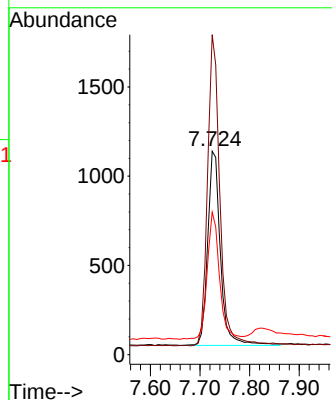
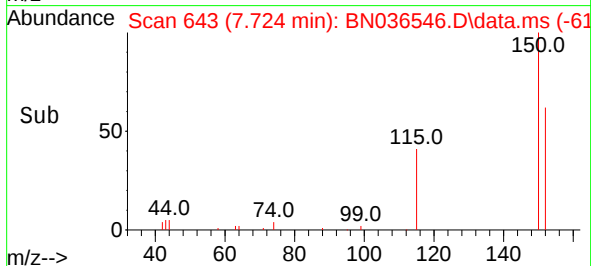


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20250304

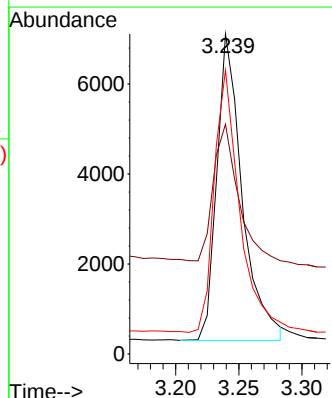
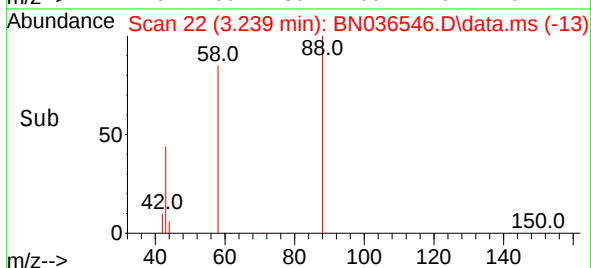
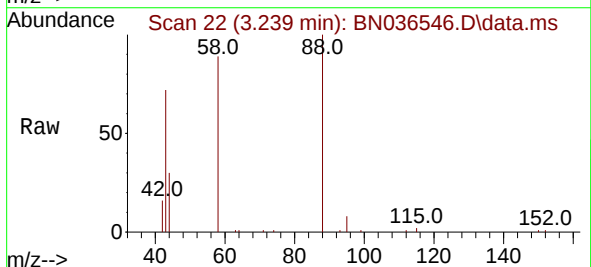


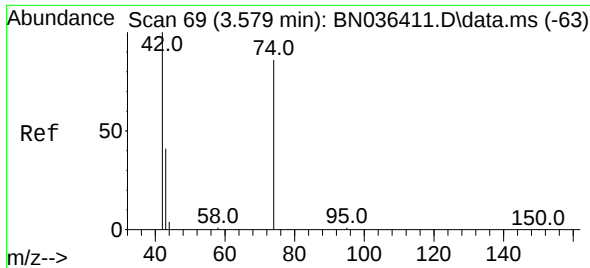
Tgt Ion:152 Resp: 1944
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 70.1 52.5 78.7



#2
 1,4-Dioxane
 Concen: 4.464 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

Tgt Ion: 88 Resp: 9494
 Ion Ratio Lower Upper
 88 100
 43 43.0 33.7 50.5
 58 85.8 68.9 103.3

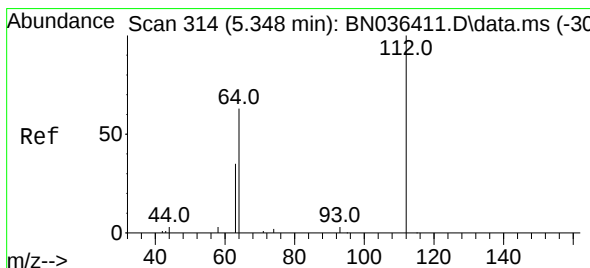
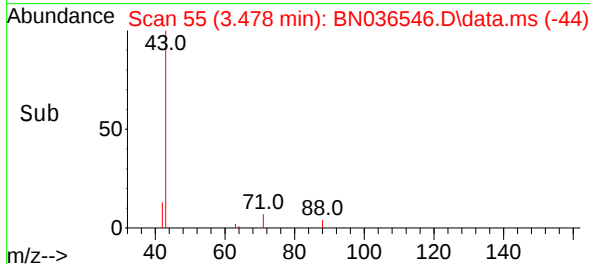
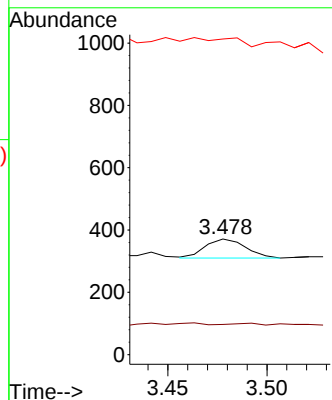
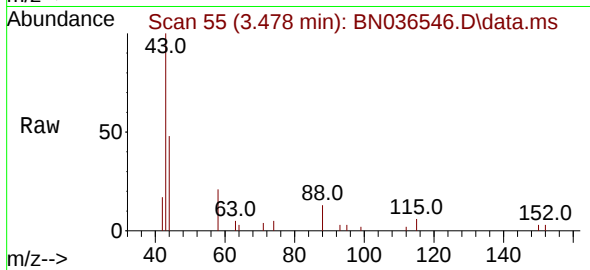




#3
 n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.478 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

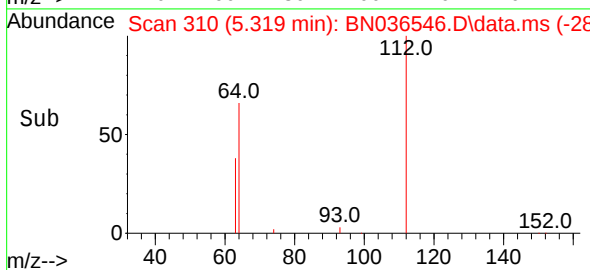
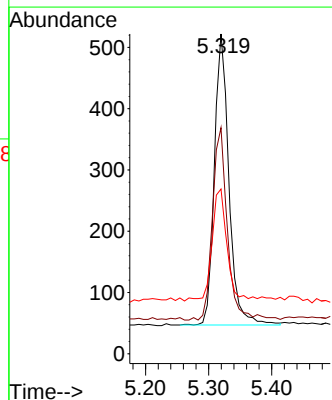
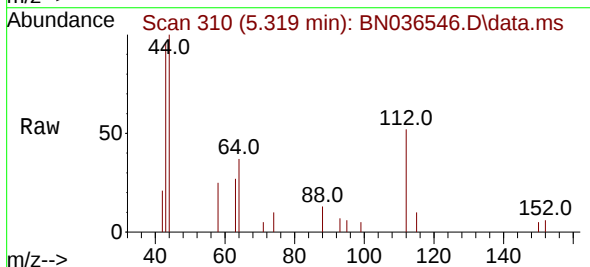
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20250304

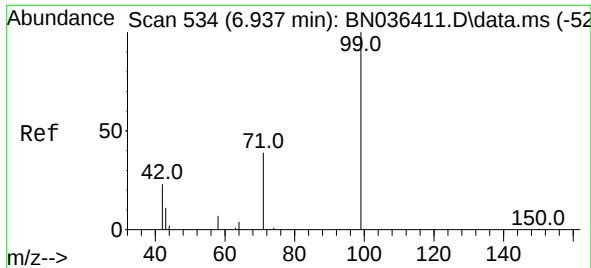
Tgt Ion: 42 Resp: 86
 Ion Ratio Lower Upper
 42 100
 74 4.7 71.8 107.6#
 44 0.0 7.8 11.6#



#4
 2-Fluorophenol
 Concen: 0.165 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

Tgt Ion: 112 Resp: 760
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.4 80.0
 63 40.0 30.3 45.5

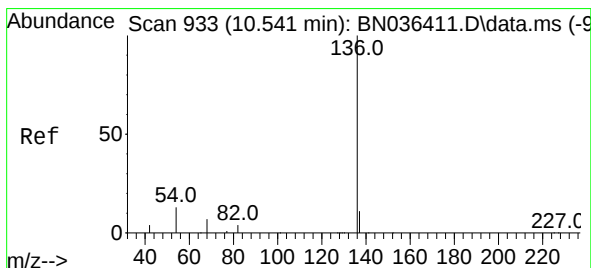
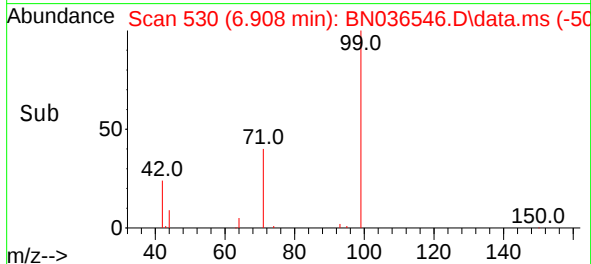
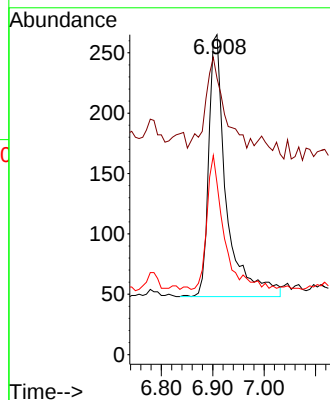
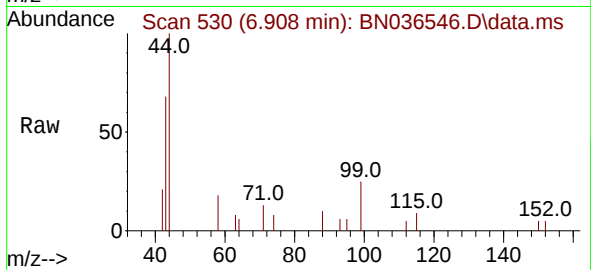




#5
Phenol-d6
Concen: 0.096 ng
RT: 6.908 min Scan# 517
Delta R.T. 0.007 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

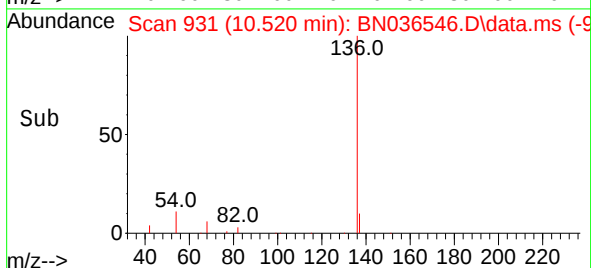
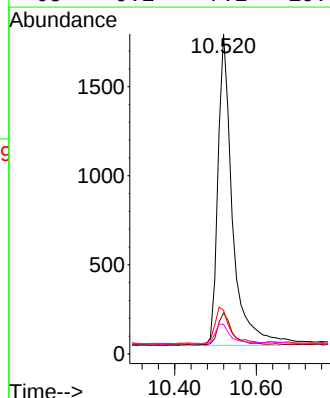
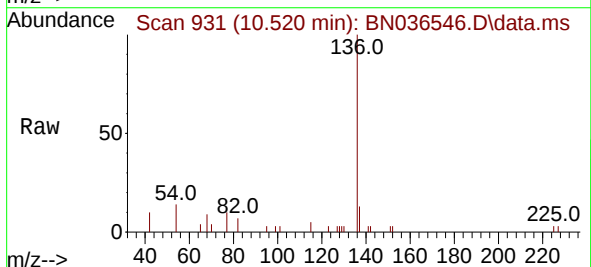
Instrument :
BNA_N
ClientSampleId :
RE114D2-20250304

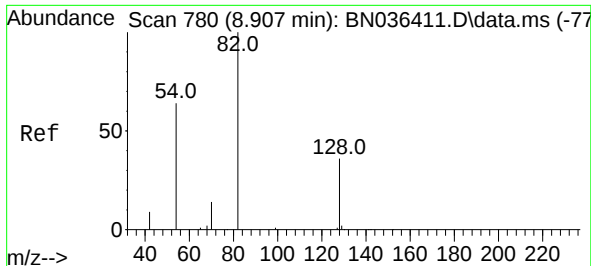
Tgt Ion: 99 Resp: 517
Ion Ratio Lower Upper
99 100
42 37.5 21.7 32.5#
71 49.1 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

Tgt Ion:136 Resp: 4298
Ion Ratio Lower Upper
136 100
137 12.8 10.1 15.1
54 13.6 11.8 17.6
68 9.2 7.2 10.8

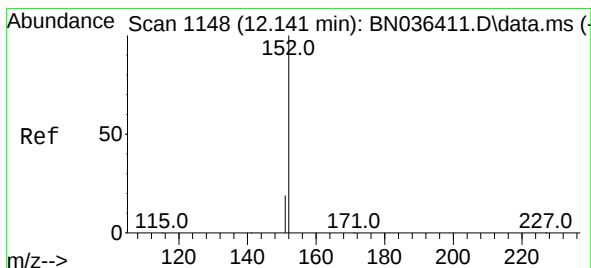
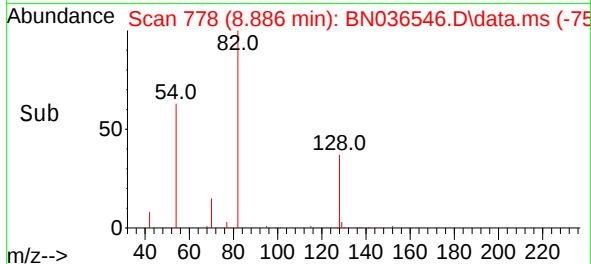
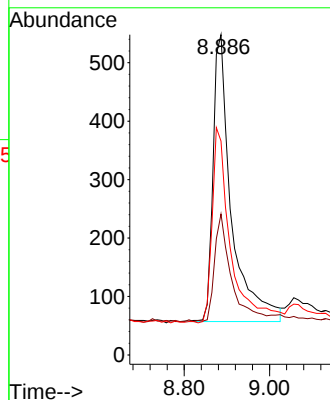
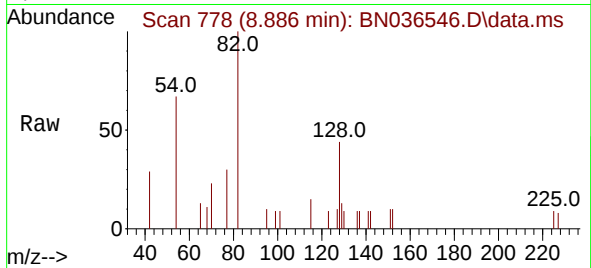




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

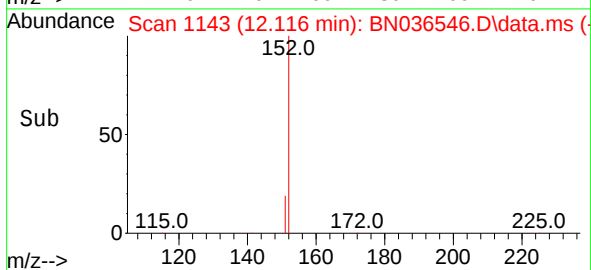
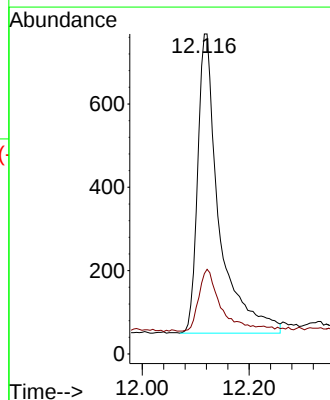
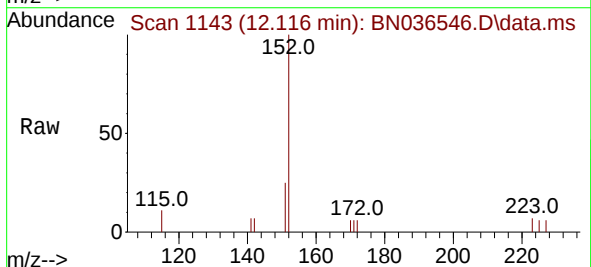
Instrument :
BNA_N
ClientSampleId :
RE114D2-20250304

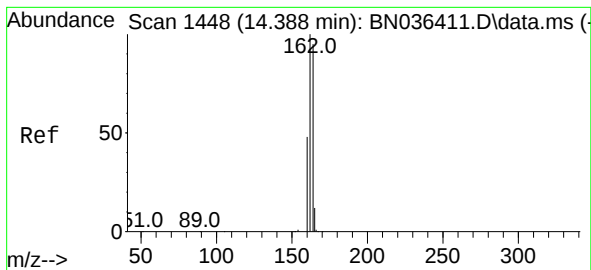
Tgt Ion: 82 Resp: 1470
Ion Ratio Lower Upper
82 100
128 44.0 31.9 47.9
54 66.8 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

Tgt Ion:152 Resp: 2005
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BN036546.D

Acq: 07 Mar 2025 14:24

Instrument :

BNA_N

ClientSampleId :

RE114D2-20250304

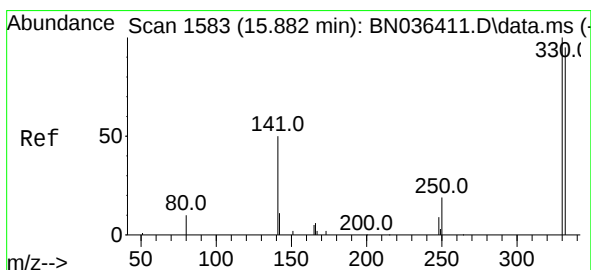
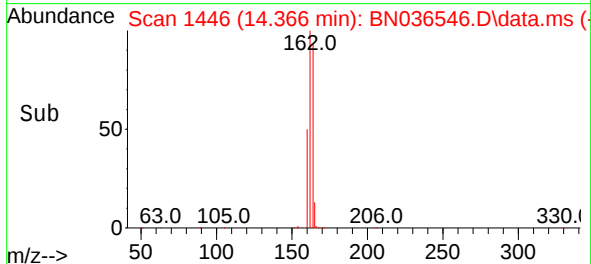
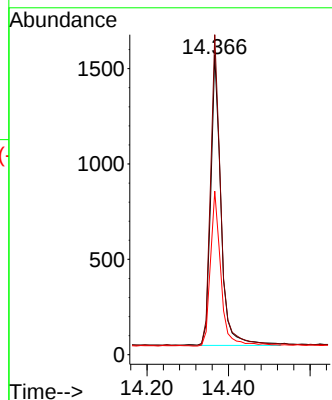
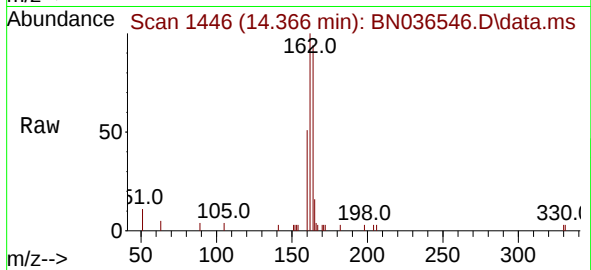
Tgt Ion:164 Resp: 2675

Ion Ratio Lower Upper

164 100

162 106.7 84.1 126.1

160 54.5 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.368 ng

RT: 15.870 min Scan# 1582

Delta R.T. 0.012 min

Lab File: BN036546.D

Acq: 07 Mar 2025 14:24

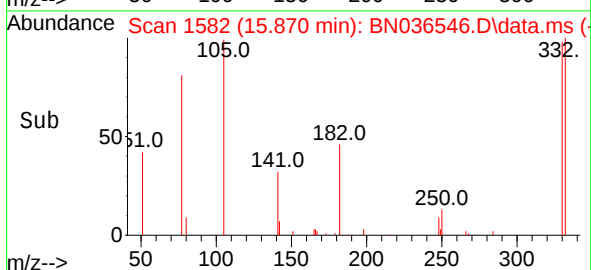
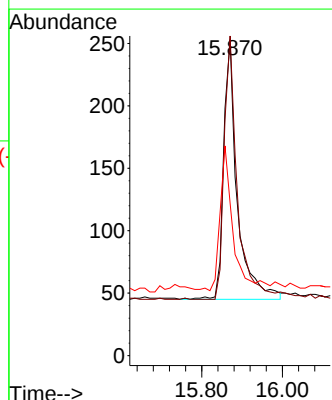
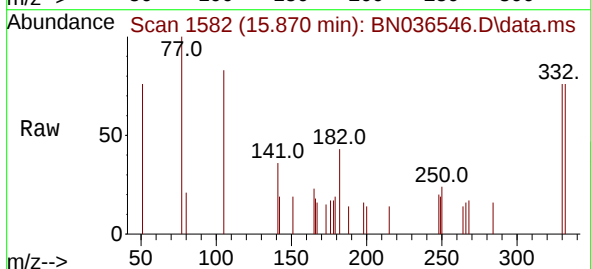
Tgt Ion:330 Resp: 488

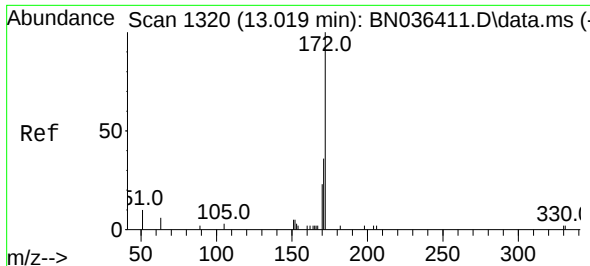
Ion Ratio Lower Upper

330 100

332 99.2 76.6 114.8

141 51.2 37.8 56.8





#15

2-Fluorobiphenyl

Concen: 0.517 ng

RT: 12.998 min Scan# 1317

Delta R.T. 0.010 min

Lab File: BN036546.D

Acq: 07 Mar 2025 14:24

Instrument :

BNA_N

ClientSampleId :

RE114D2-20250304

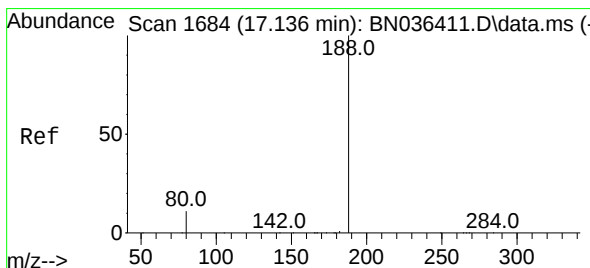
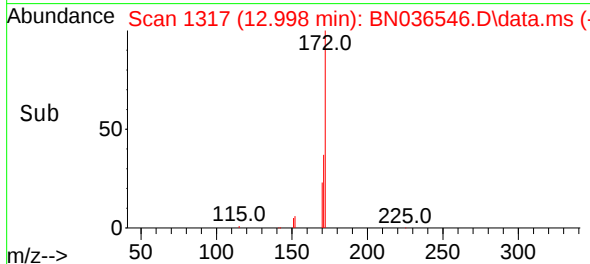
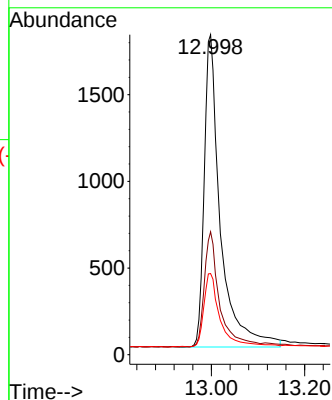
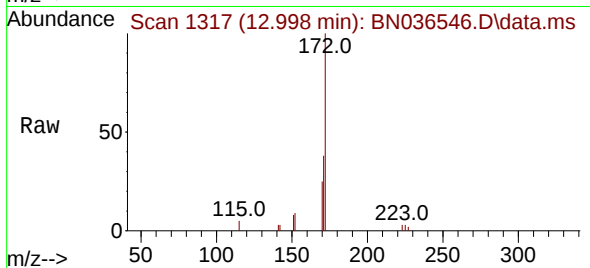
Tgt Ion:172 Resp: 5197

Ion Ratio Lower Upper

172 100

171 38.4 29.6 44.4

170 25.4 19.8 29.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BN036546.D

Acq: 07 Mar 2025 14:24

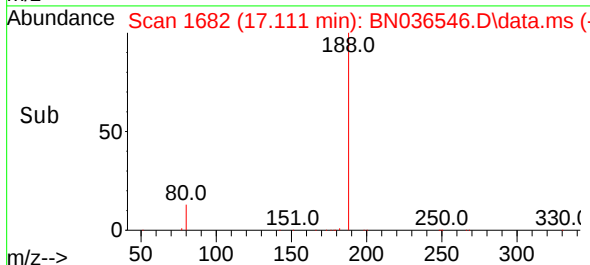
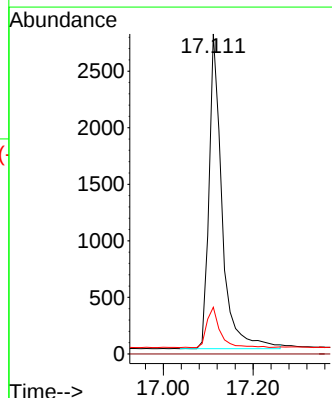
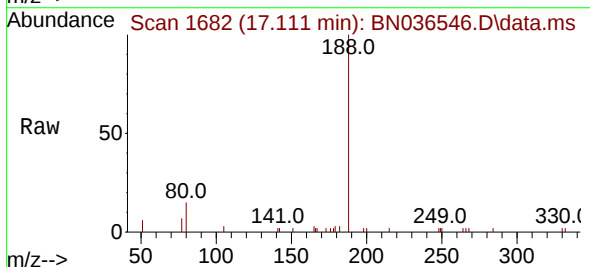
Tgt Ion:188 Resp: 5594

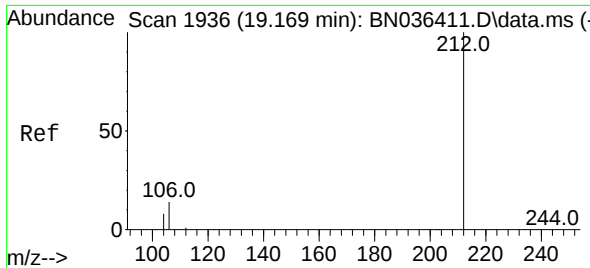
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 9.8 14.6

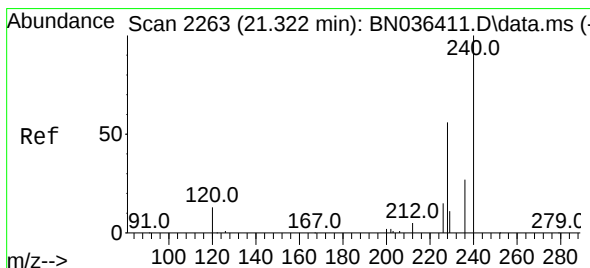
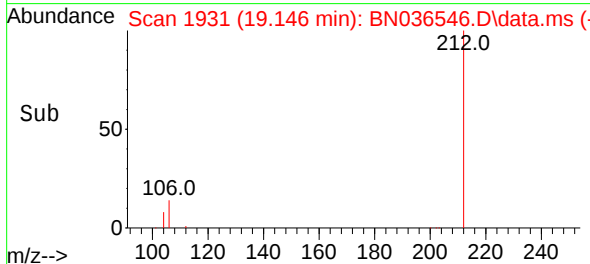
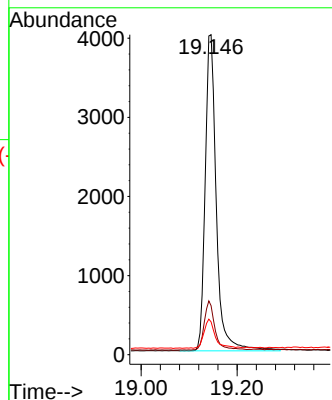
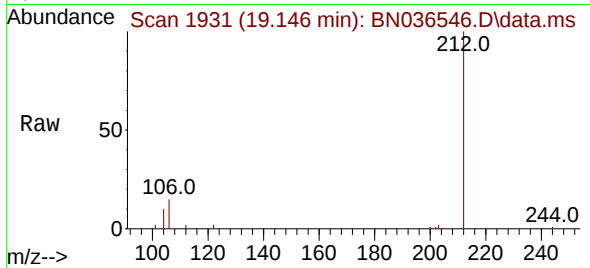




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

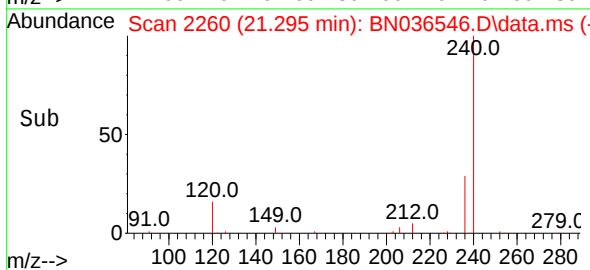
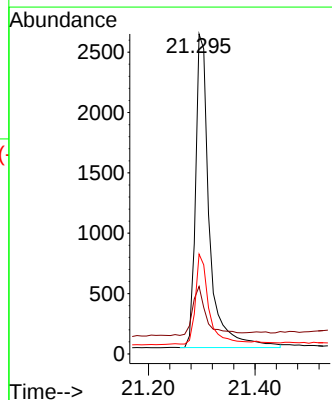
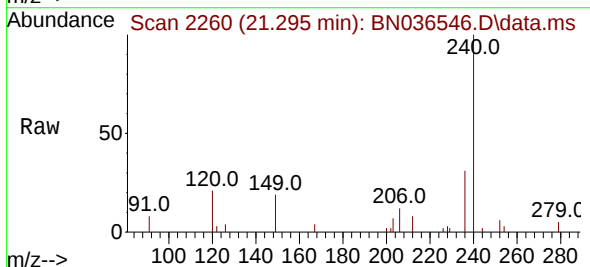
Instrument :
BNA_N
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RE114D2-20250304

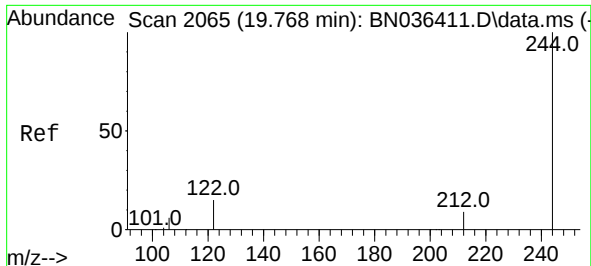
Tgt Ion:212 Resp: 6436
Ion Ratio Lower Upper
212 100
106 14.9 11.5 17.3
104 9.1 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036546.D
Acq: 07 Mar 2025 14:24

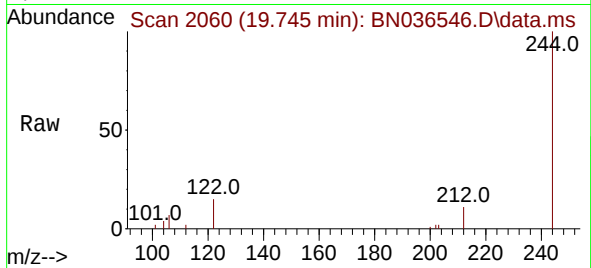
Tgt Ion:240 Resp: 4707
Ion Ratio Lower Upper
240 100
120 21.1 13.3 19.9#
236 31.2 23.0 34.6



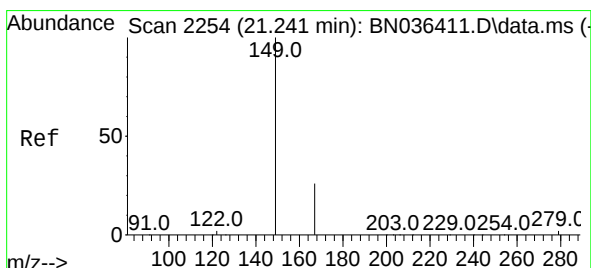
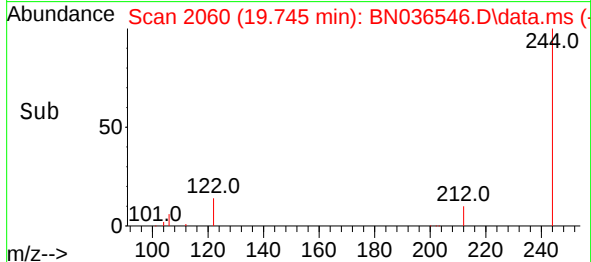
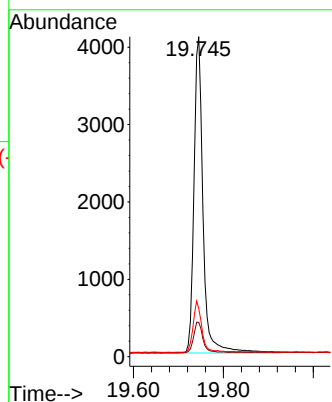


#31
 Terphenyl-d14
 Concen: 0.573 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20250304

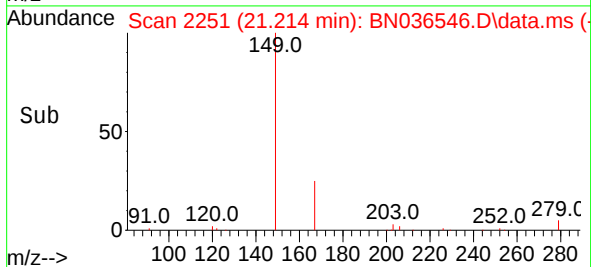
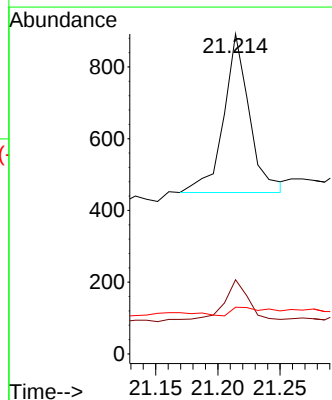
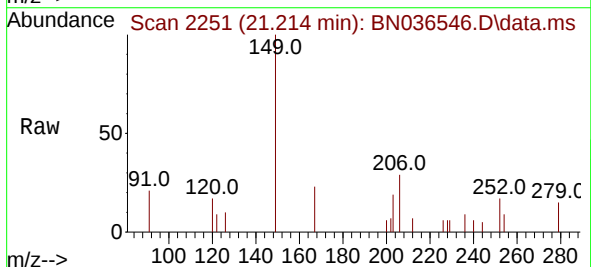


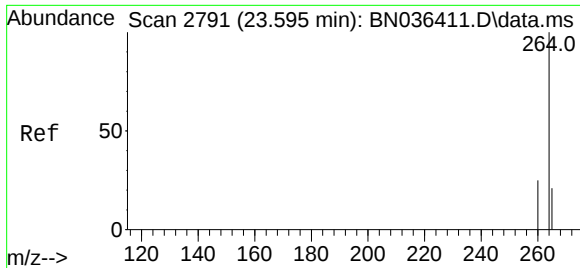
Tgt Ion:244 Resp: 5755
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.1 12.1
 122 15.0 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

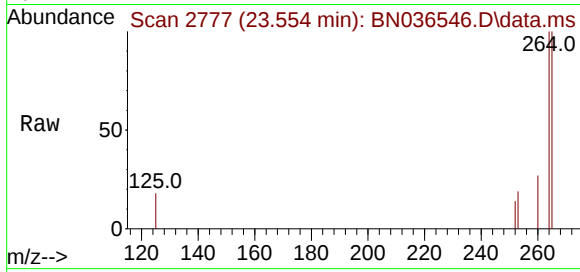
Tgt Ion:149 Resp: 635
 Ion Ratio Lower Upper
 149 100
 167 21.7 21.2 31.8
 279 8.0 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036546.D
 Acq: 07 Mar 2025 14:24

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20250304



Tgt Ion:264 Resp: 4459

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.9	31.3
265	100.3	60.7	91.1#

