

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036832.D
 Acq On : 03 Apr 2025 20:51
 Operator : RC/JU
 Sample : Q1711-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-040225

Quant Time: Apr 04 00:57:26 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)

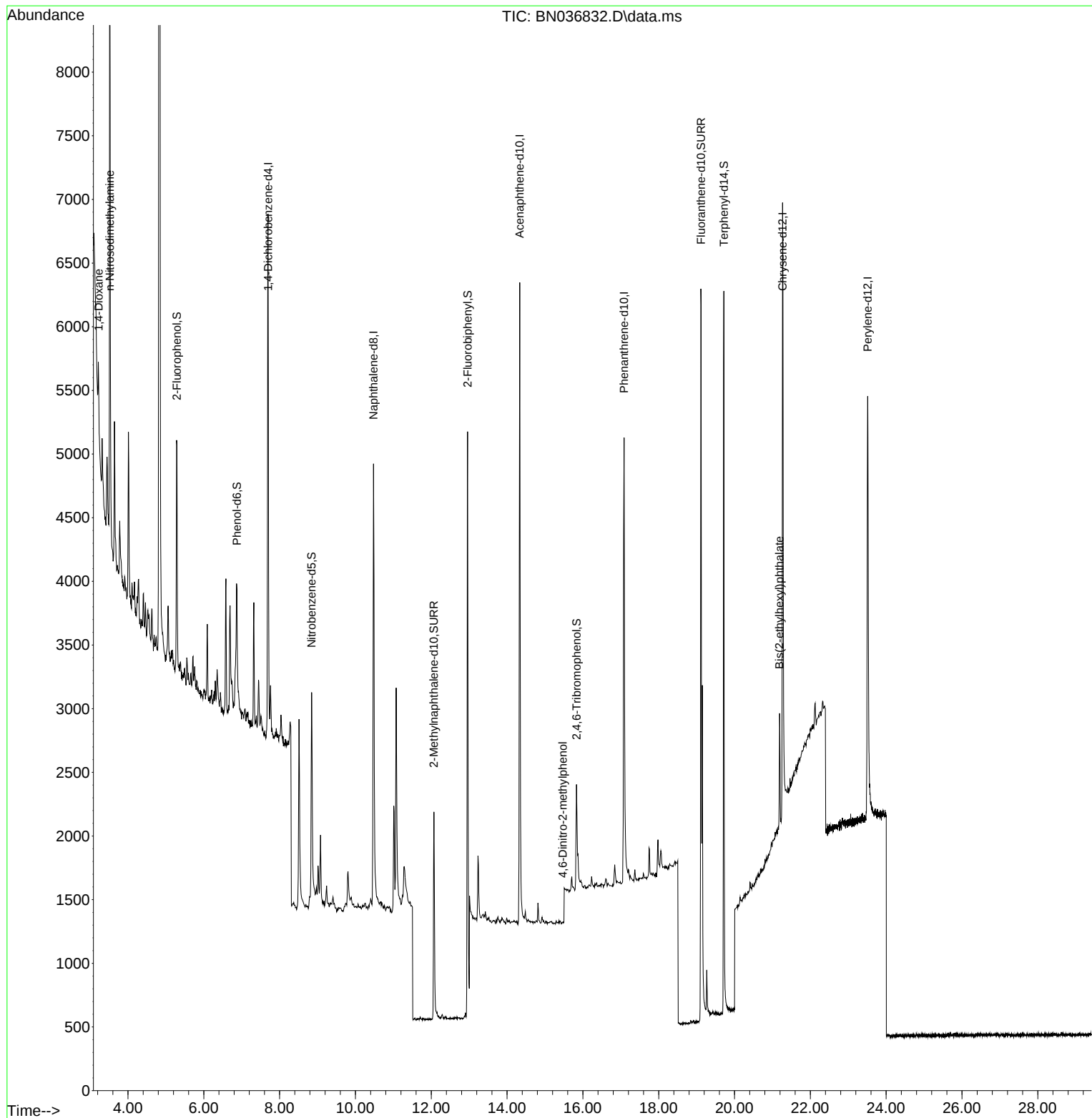
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2125	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5120	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3000	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6320	0.400	ng	-0.02
29) Chrysene-d12	21.268	240	5671	0.400	ng	-0.03
35) Perylene-d12	23.513	264	5195	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1323	0.267	ng	-0.02
5) Phenol-d6	6.872	99	1025	0.168	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1765	0.317	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2562	0.336	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	549	0.403	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	6454	0.370	ng	-0.03
27) Fluoranthene-d10	19.113	212	7078	0.437	ng	-0.03
31) Terphenyl-d14	19.717	244	5537	0.408	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	270	0.115	ng	# 7
3) n-Nitrosodimethylamine	3.521	42	546	0.114	ng	# 11
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.187	149	921	0.066	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036832.D
Acq On : 03 Apr 2025 20:51
Operator : RC/JU
Sample : Q1711-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-040225

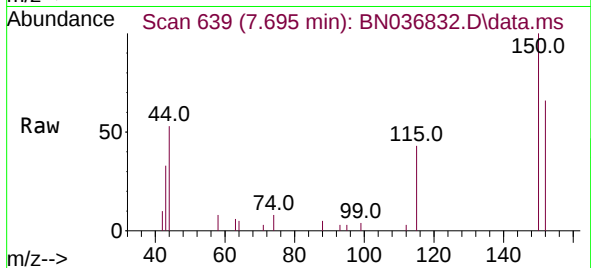
Quant Time: Apr 04 00:57:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



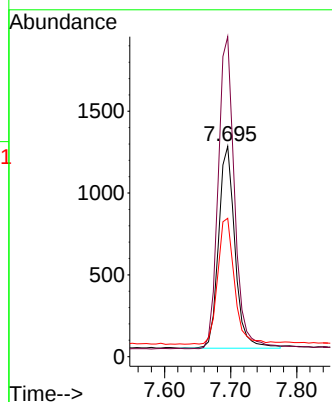
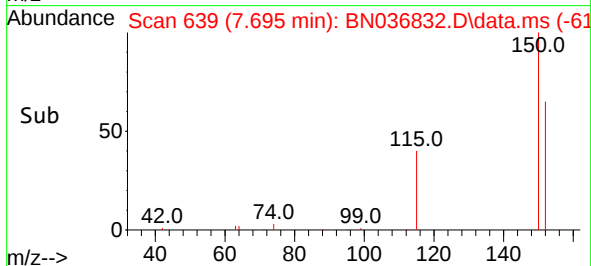


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Instrument :
BNA_N
ClientSampleId :
EB01-040225

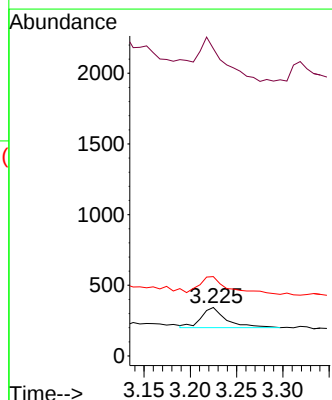
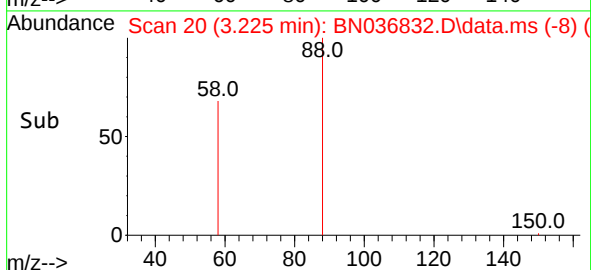
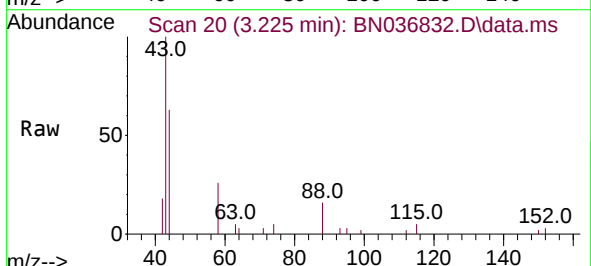


Tgt Ion:152 Resp: 2125
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 65.8 54.3 81.5



#2
1,4-Dioxane
Concen: 0.115 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion: 88 Resp: 270
Ion Ratio Lower Upper
88 100
43 200.4 37.8 56.8#
58 99.6 67.4 101.2

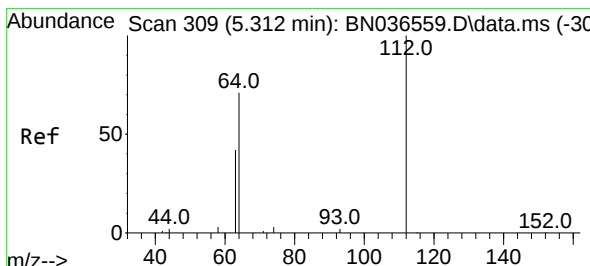
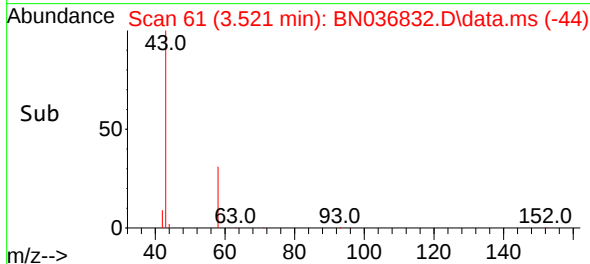
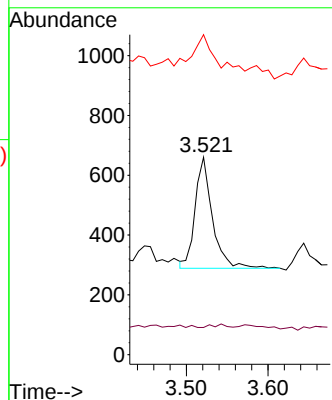
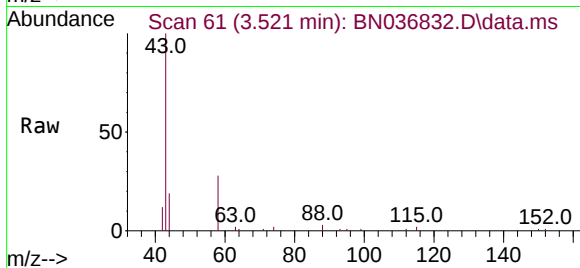




#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.521 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

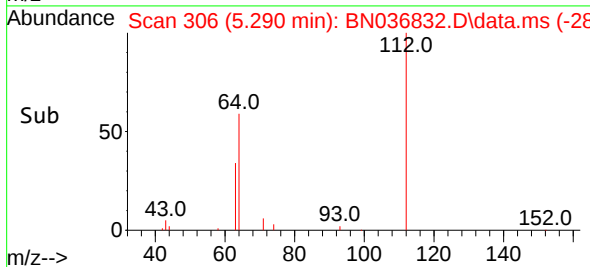
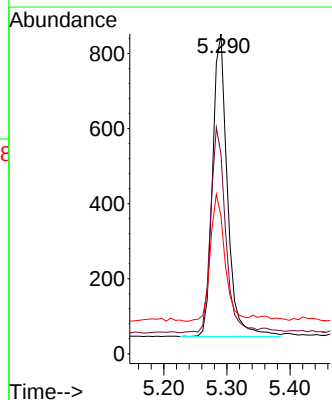
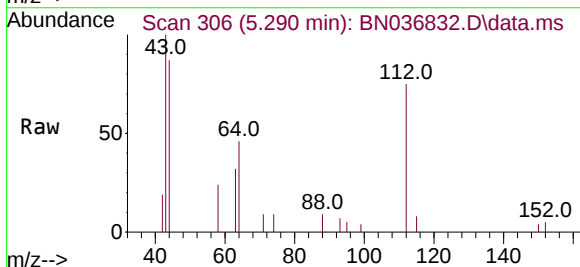
Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion: 42 Resp: 546
Ion Ratio Lower Upper
42 100
74 0.0 60.6 90.8#
44 41.2 6.3 9.5#



#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion: 112 Resp: 1323
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 40.7 31.8 47.8

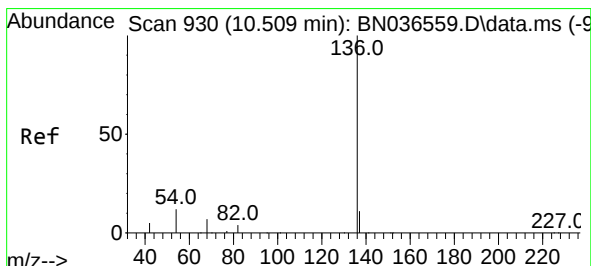
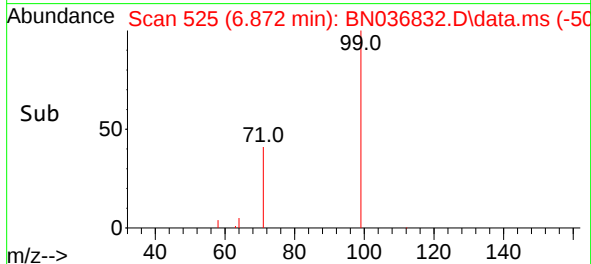
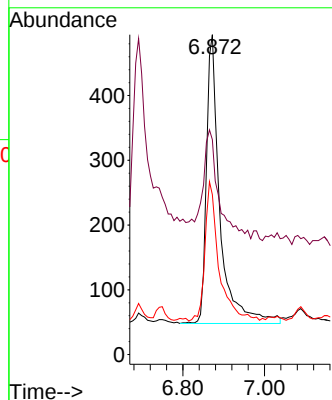
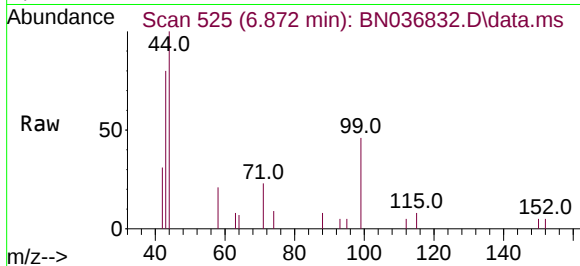




#5
Phenol-d6
Concen: 0.168 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

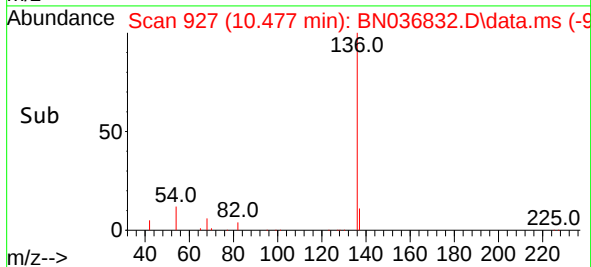
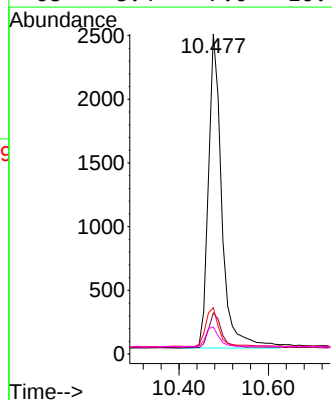
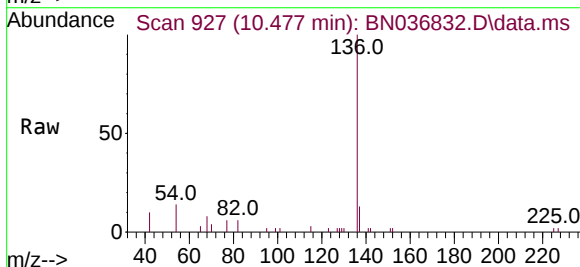
Instrument :
BNA_N
ClientSampleId :
EB01-040225

Tgt Ion: 99 Resp: 1025
Ion Ratio Lower Upper
99 100
42 43.0 26.5 39.7#
71 49.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion: 136 Resp: 5120
Ion Ratio Lower Upper
136 100
137 12.8 10.3 15.5
54 14.5 11.5 17.3
68 8.4 7.0 10.4

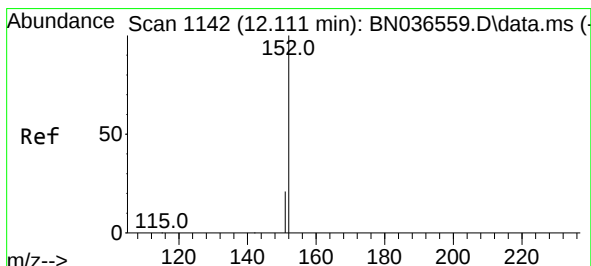
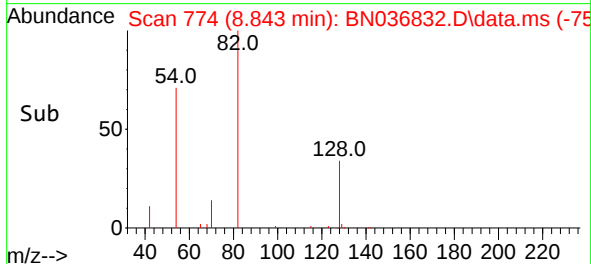
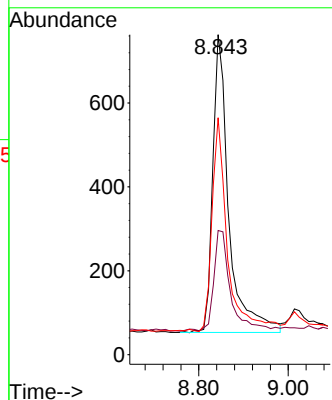
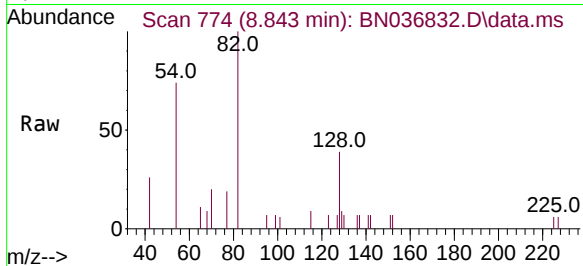




#8
 Nitrobenzene-d5
 Concen: 0.317 ng
 RT: 8.843 min Scan# 71
 Delta R.T. -0.032 min
 Lab File: BN036832.D
 Acq: 03 Apr 2025 20:51

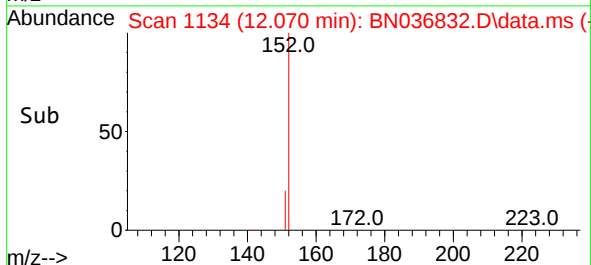
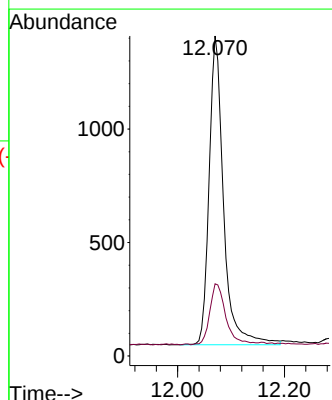
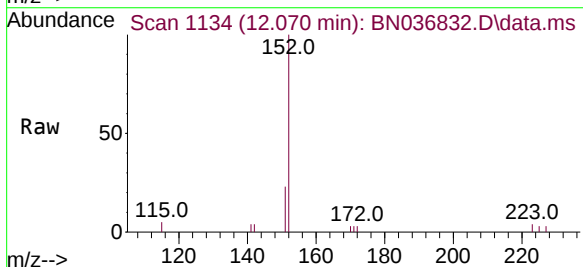
Instrument :
 BNA_N
 ClientSampleId :
 EB01-040225

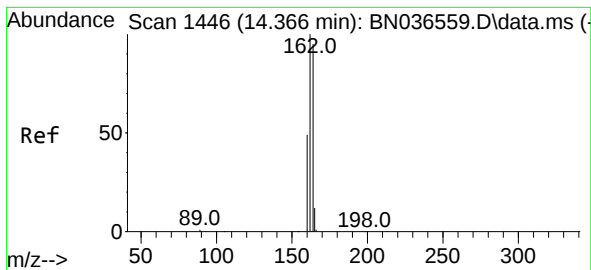
Tgt Ion: 82 Resp: 1765
 Ion Ratio Lower Upper
 82 100
 128 38.8 30.6 45.8
 54 74.0 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.336 ng
 RT: 12.070 min Scan# 1134
 Delta R.T. -0.041 min
 Lab File: BN036832.D
 Acq: 03 Apr 2025 20:51

Tgt Ion: 152 Resp: 2562
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1443

Delta R.T. -0.032 min

Lab File: BN036832.D

Acq: 03 Apr 2025 20:51

Instrument :

BNA_N

ClientSampleId :

EB01-040225

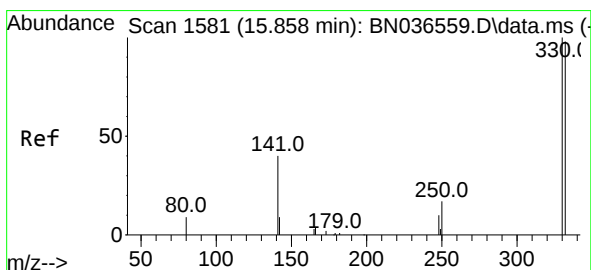
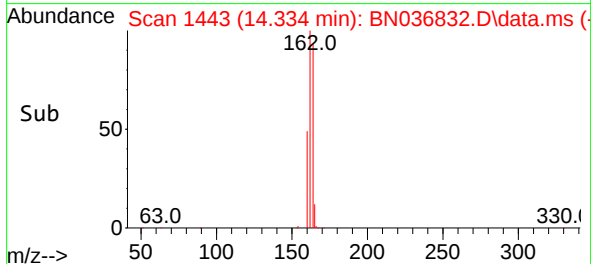
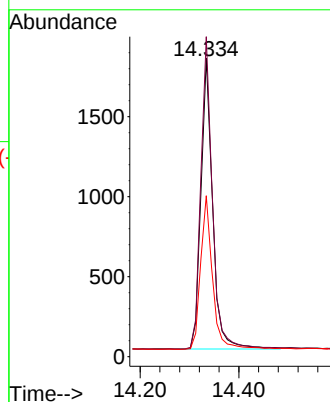
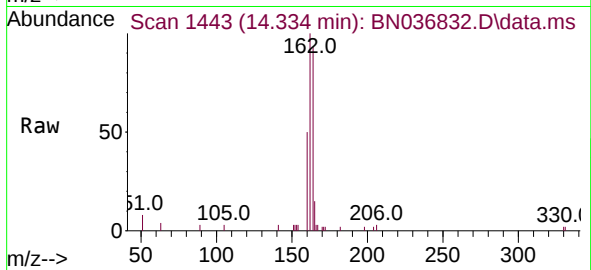
Tgt Ion:164 Resp: 3000

Ion Ratio Lower Upper

164 100

162 107.2 84.2 126.2

160 53.9 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.403 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.025 min

Lab File: BN036832.D

Acq: 03 Apr 2025 20:51

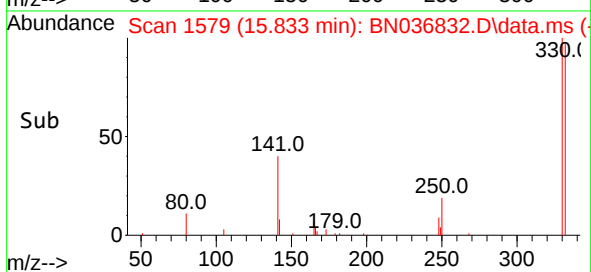
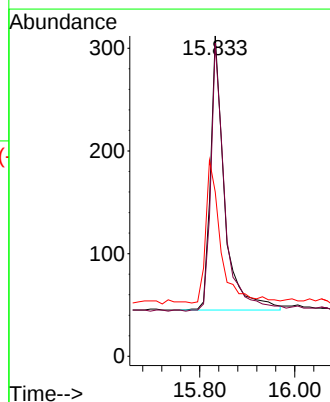
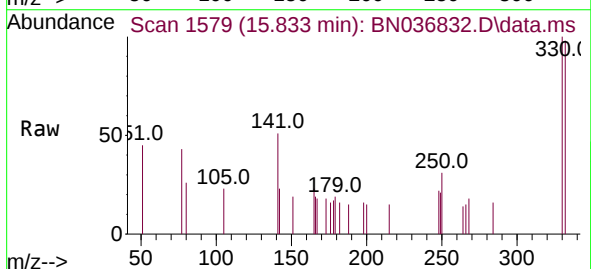
Tgt Ion:330 Resp: 549

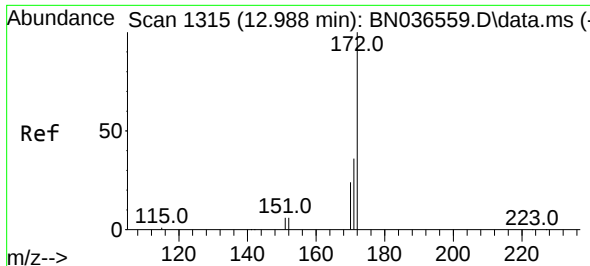
Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 55.6 43.4 65.2

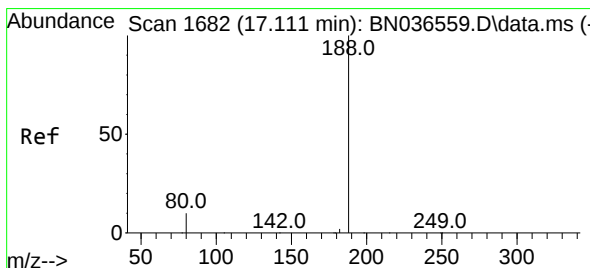
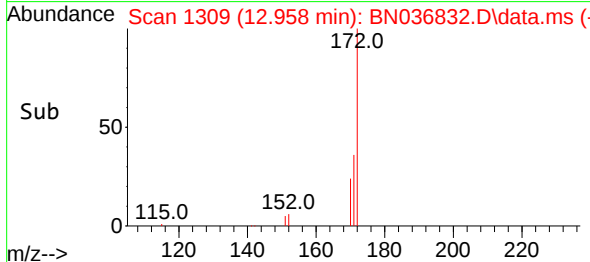
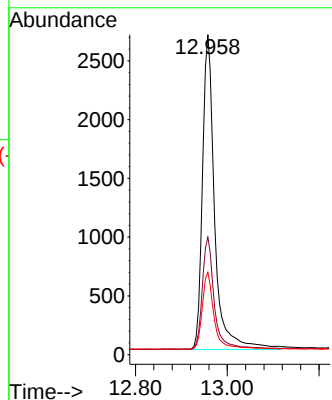
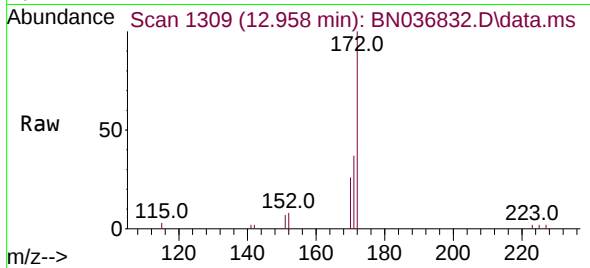




#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.958 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

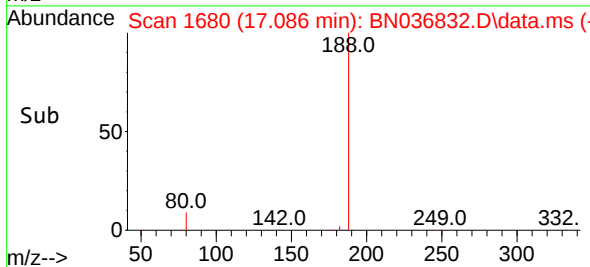
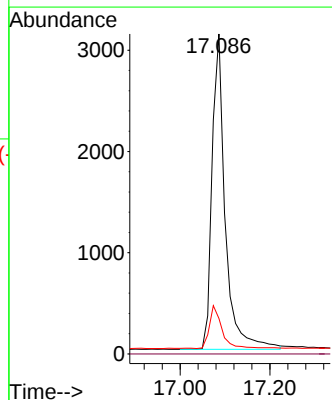
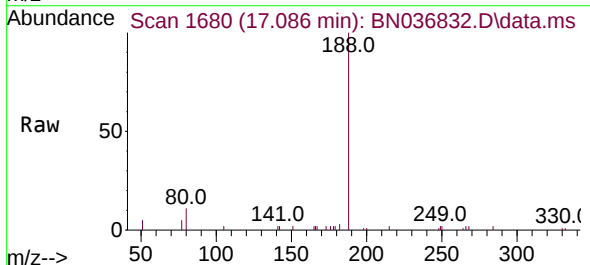
Instrument :
BNA_N
ClientSampleId :
EB01-040225

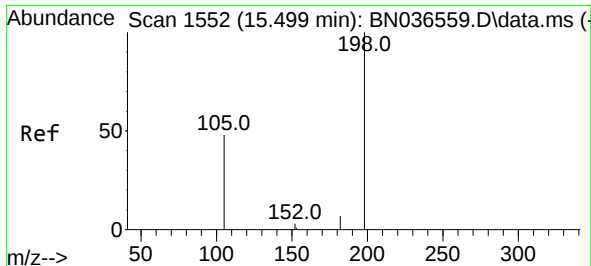
Tgt Ion:172 Resp: 6454
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 25.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:188 Resp: 6320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.8 13.2

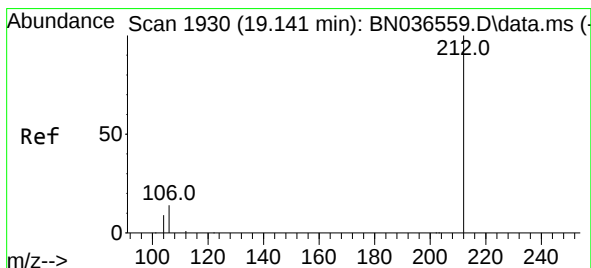
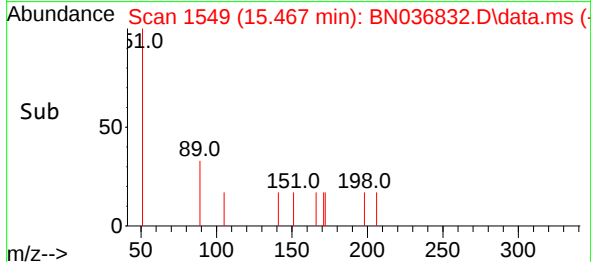
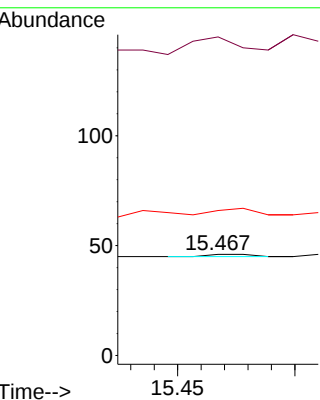
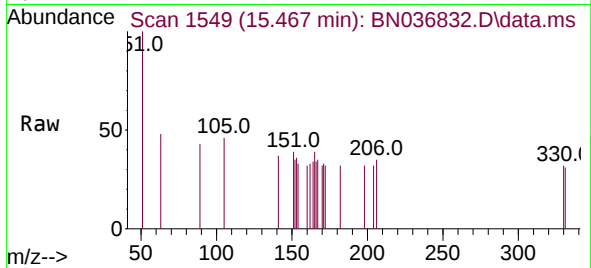




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.467 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

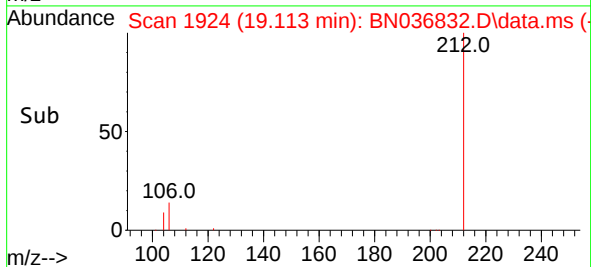
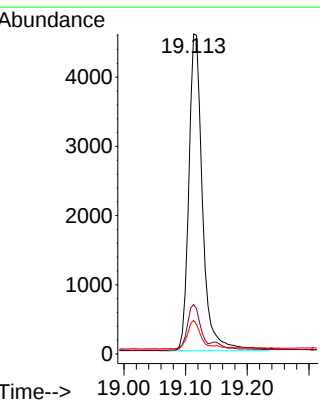
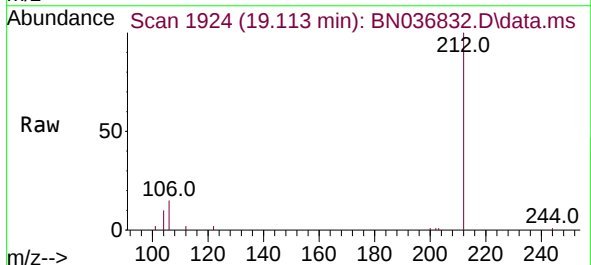
Instrument :
BNA_N
ClientSampleId :
EB01-040225

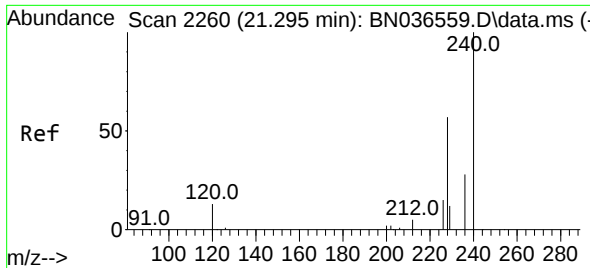
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 315.2 107.9 161.9#
105 143.5 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.028 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:212 Resp: 7078
Ion Ratio Lower Upper
212 100
106 14.1 11.8 17.6
104 9.5 7.3 10.9

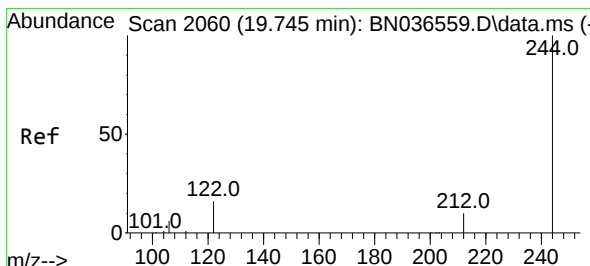
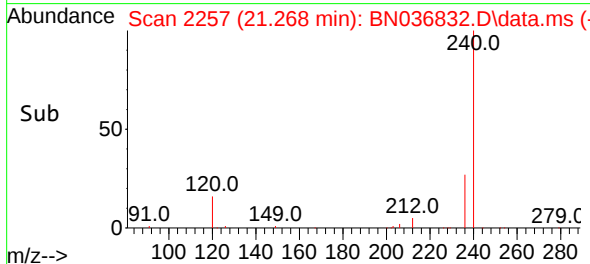
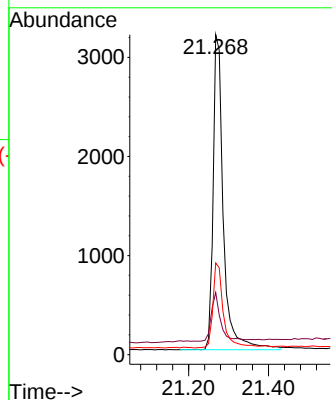
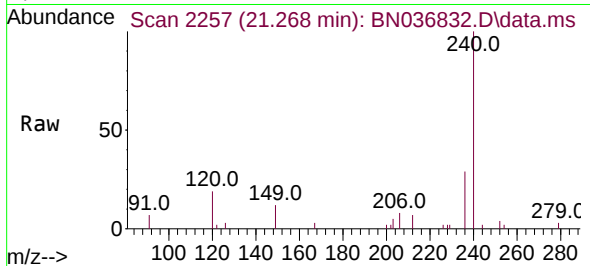




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.027 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

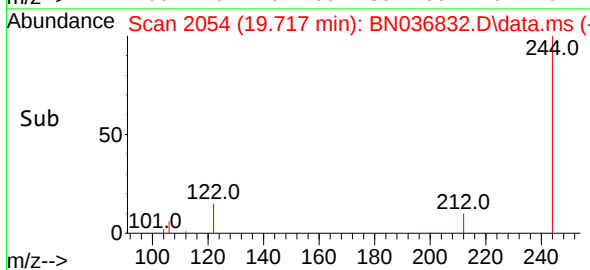
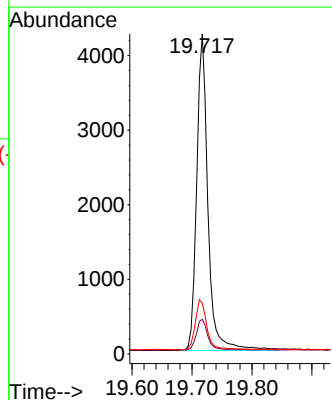
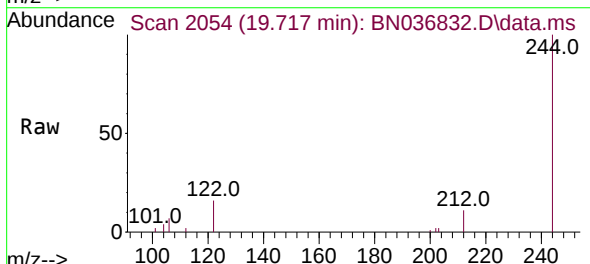
Instrument :
BNA_N
ClientSampleId :
EB01-040225

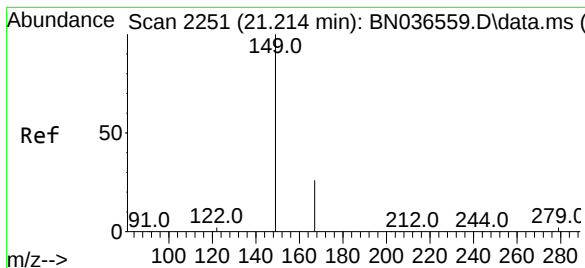
Tgt Ion:240	Resp:	5671
Ion Ratio	Lower	Upper
240	100	
120	19.4	14.6 22.0
236	28.6	24.1 36.1



#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036832.D
Acq: 03 Apr 2025 20:51

Tgt Ion:244	Resp:	5537
Ion Ratio	Lower	Upper
244	100	
212	10.8	9.6 14.4
122	15.9	13.9 20.9

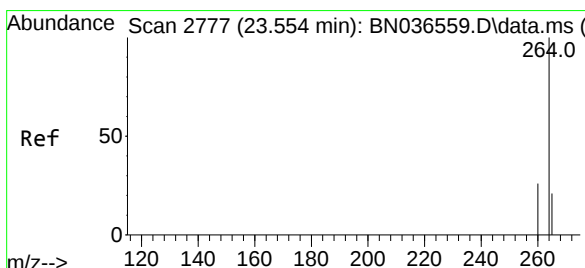
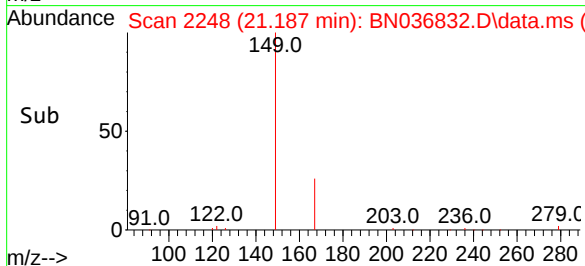
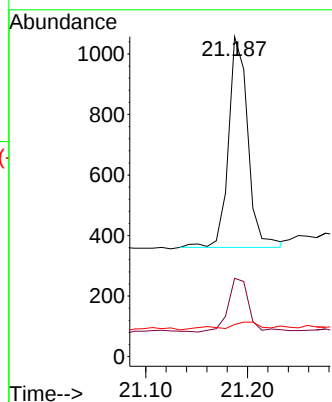
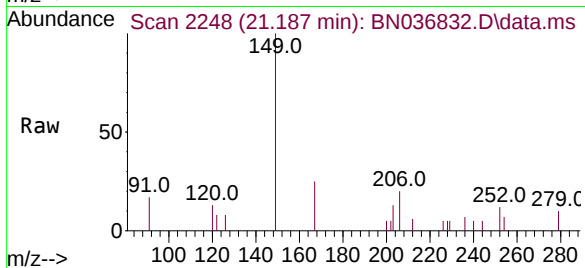




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.187 min Scan# 211
 Delta R.T. -0.027 min
 Lab File: BN036832.D
 Acq: 03 Apr 2025 20:51

Instrument :
 BNA_N
 ClientSampleId :
 EB01-040225

Tgt Ion:149 Resp: 921
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.7 31.1
 279 3.7 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. -0.041 min
 Lab File: BN036832.D
 Acq: 03 Apr 2025 20:51

Tgt Ion:264 Resp: 5195
 Ion Ratio Lower Upper
 264 100
 260 26.1 22.6 33.8
 265 70.8 88.1 132.1#

