

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036794.D
 Acq On : 29 Mar 2025 04:32
 Operator : RC/JU
 Sample : Q1620-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250320

Quant Time: Mar 29 06:25:49 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)

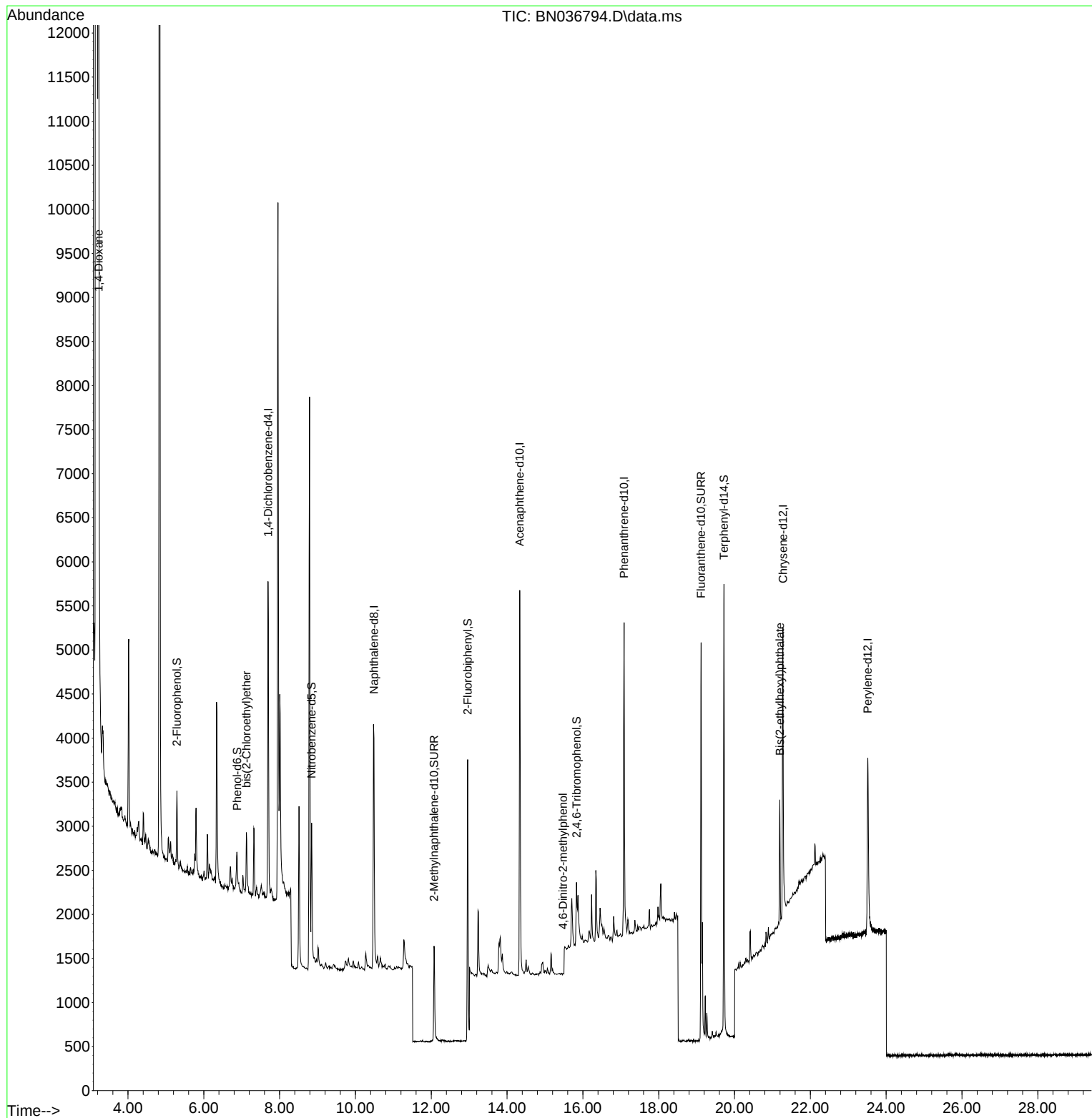
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1706	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	4169	0.400	ng	#-0.02
13) Acenaphthene-d10	14.334	164	2534	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5367	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3857	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3191	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	612	0.154	ng	-0.02
5) Phenol-d6	6.879	99	402	0.082	ng	-0.02
8) Nitrobenzene-d5	8.843	82	1397	0.308	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	1733	0.279	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	446	0.388	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4269	0.290	ng	-0.03
27) Fluoranthene-d10	19.118	212	5226	0.380	ng	-0.02
31) Terphenyl-d14	19.717	244	4558	0.493	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	8577	4.532	ng	94
6) bis(2-Chloroethyl)ether	7.125	93	154	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.478	198	2	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1516	0.159	ng	# 93

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

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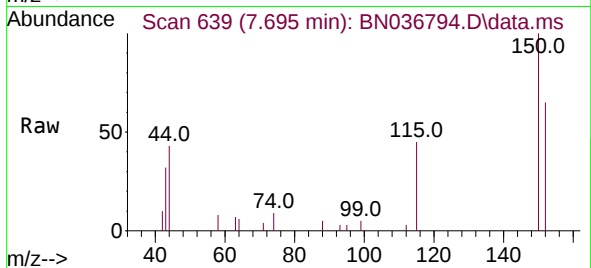
Quant Time: Mar 29 06:25:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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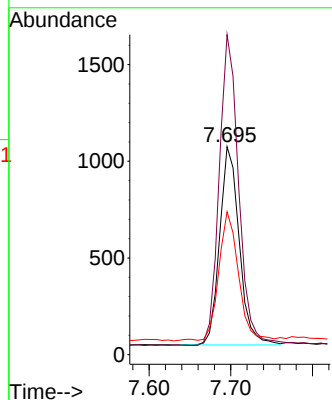
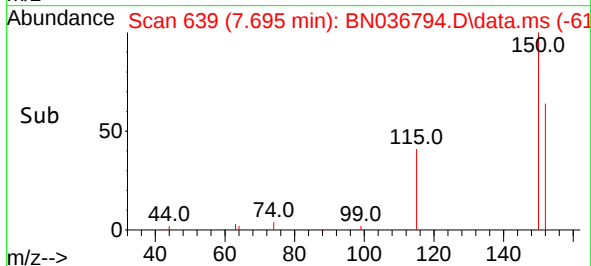


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036794.D
 Acq: 29 Mar 2025 04:32

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250320

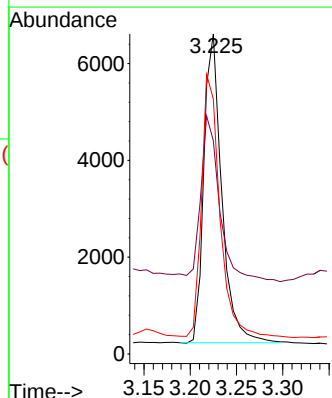
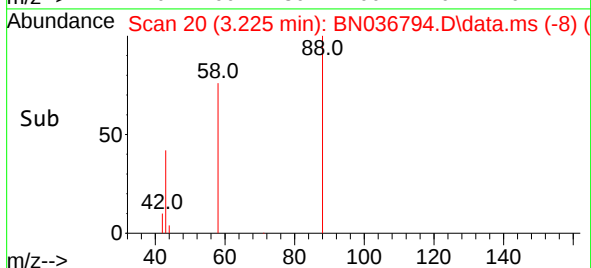
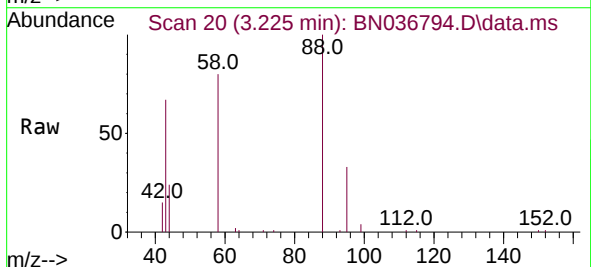


Tgt Ion:152 Resp: 1706
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 68.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 4.532 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036794.D
 Acq: 29 Mar 2025 04:32

Tgt Ion: 88 Resp: 8577
 Ion Ratio Lower Upper
 88 100
 43 56.4 37.8 56.8
 58 85.5 67.4 101.2

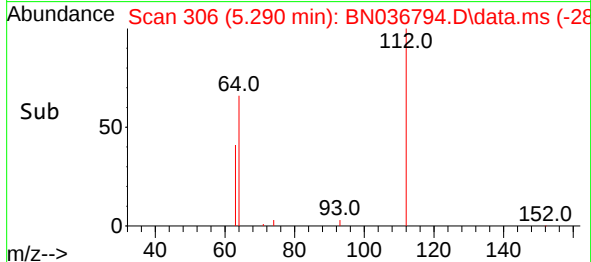
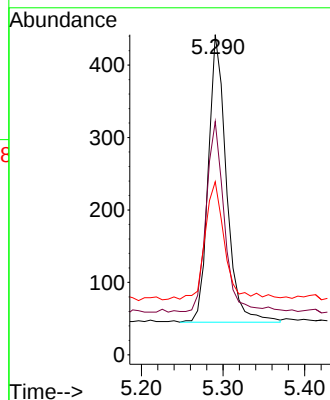
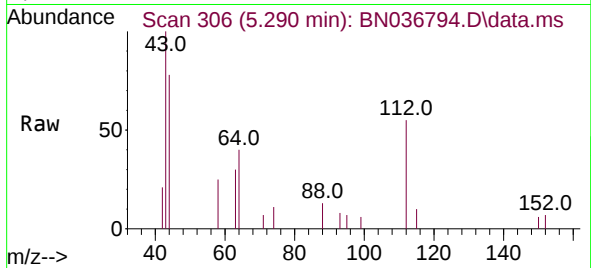




#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

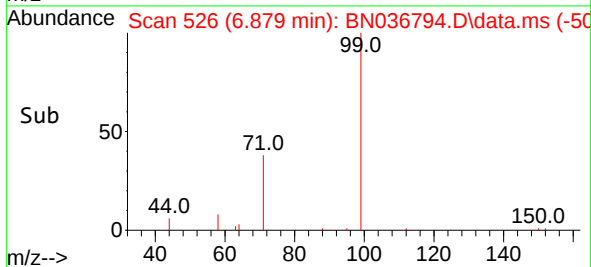
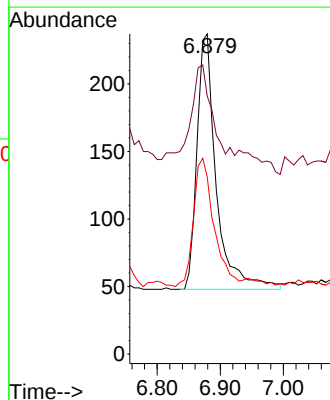
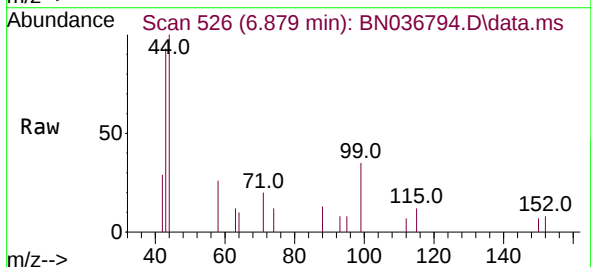
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250320

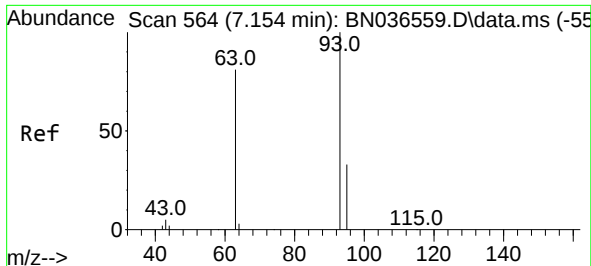
Tgt Ion:112 Resp: 612
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 45.3 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

Tgt Ion: 99 Resp: 402
Ion Ratio Lower Upper
99 100
42 39.6 26.5 39.7
71 53.0 34.1 51.1#

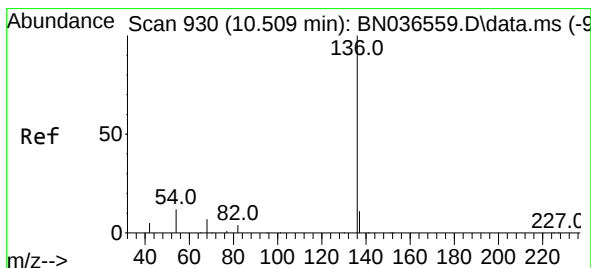
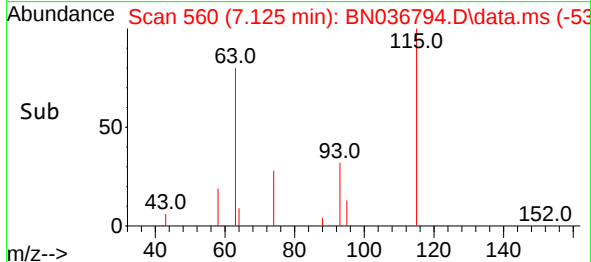
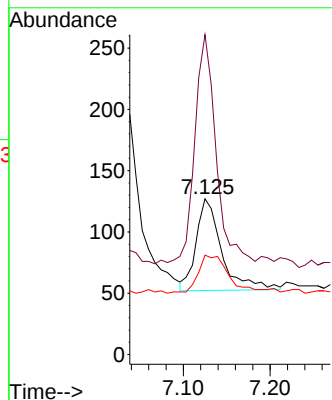
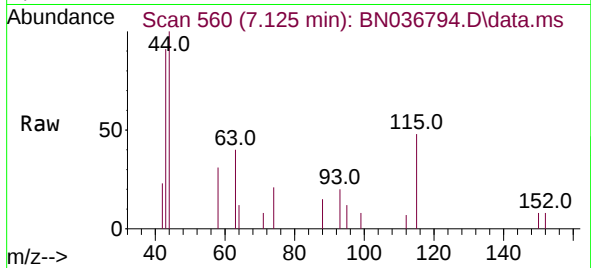




#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.125 min Scan# 50
Delta R.T. -0.029 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

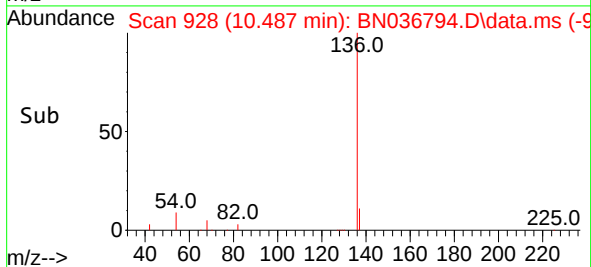
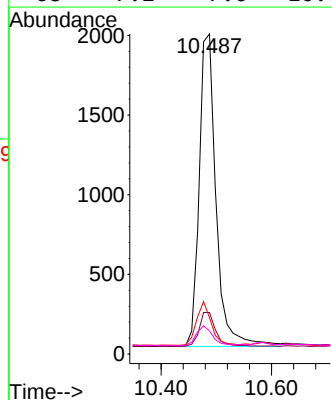
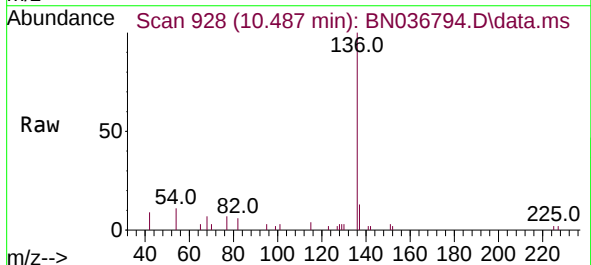
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250320

Tgt Ion: 93 Resp: 154
Ion Ratio Lower Upper
93 100
63 211.0 67.7 101.5#
95 48.7 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

Tgt Ion:136 Resp: 4169
Ion Ratio Lower Upper
136 100
137 12.9 10.3 15.5
54 11.3 11.5 17.3#
68 7.2 7.0 10.4

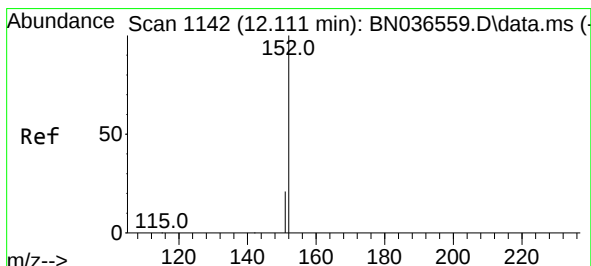
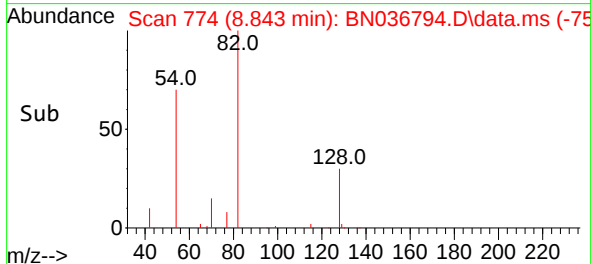
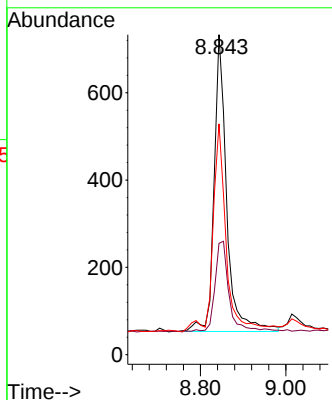
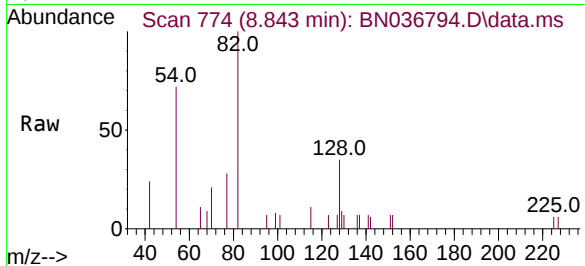




#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.843 min Scan# 71
Delta R.T. -0.032 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

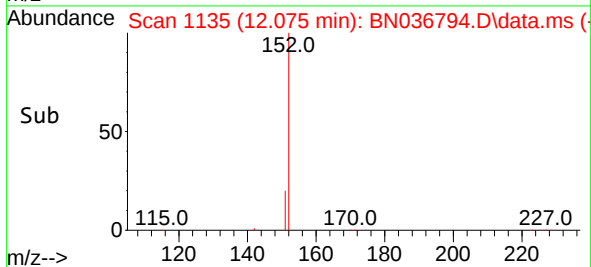
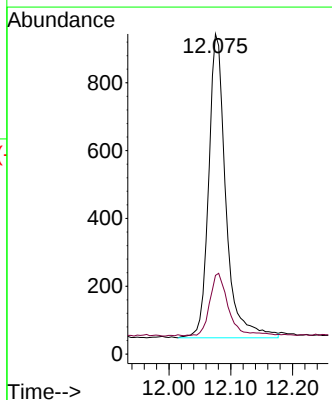
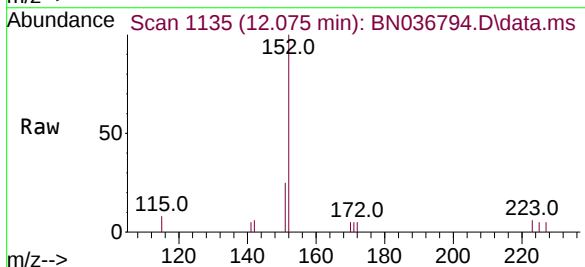
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250320

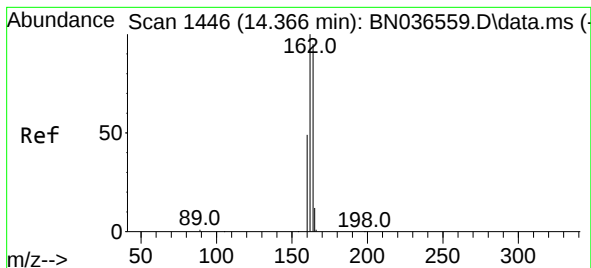
Tgt Ion: 82 Resp: 1397
Ion Ratio Lower Upper
82 100
128 34.8 30.6 45.8
54 72.2 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.075 min Scan# 1135
Delta R.T. -0.035 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

Tgt Ion: 152 Resp: 1733
Ion Ratio Lower Upper
152 100
151 22.6 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: BN036794.D

Acq: 29 Mar 2025 04:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250320

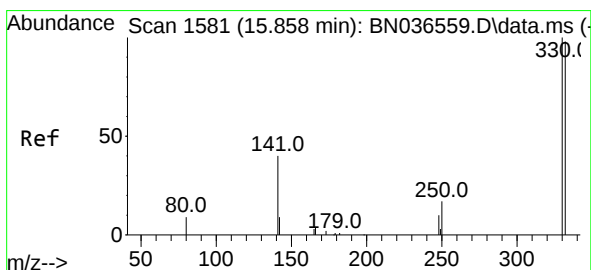
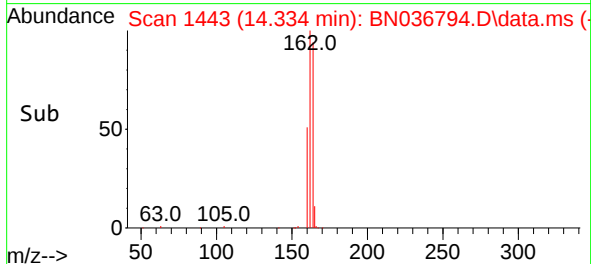
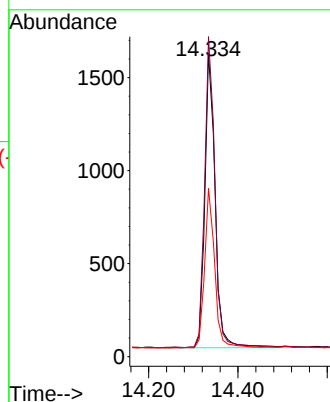
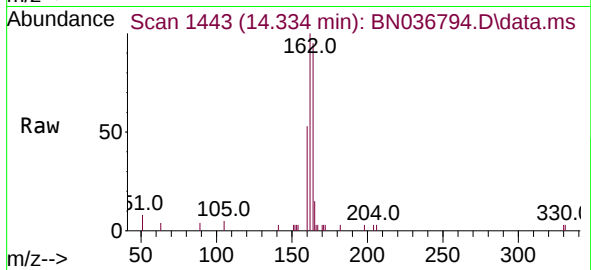
Tgt Ion:164 Resp: 2534

Ion Ratio Lower Upper

164 100

162 105.7 84.2 126.2

160 55.6 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.025 min

Lab File: BN036794.D

Acq: 29 Mar 2025 04:32

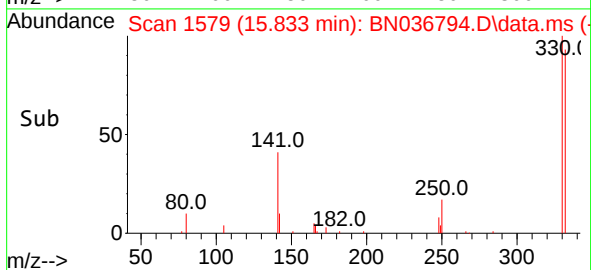
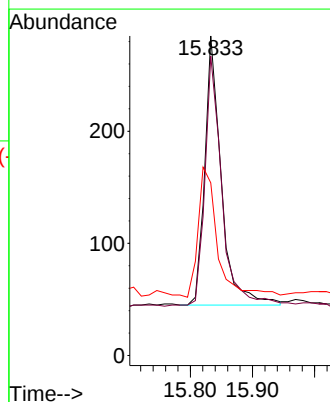
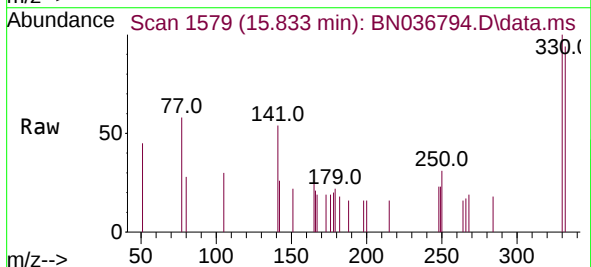
Tgt Ion:330 Resp: 446

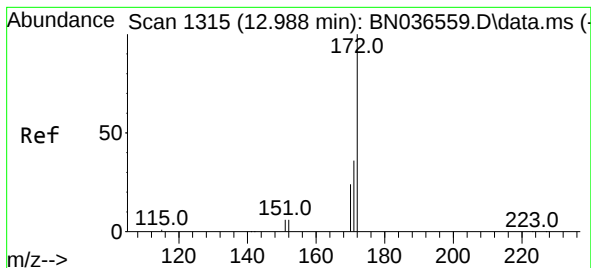
Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 53.6 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.290 ng

RT: 12.963 min Scan# 11

Delta R.T. -0.025 min

Lab File: BN036794.D

Acq: 29 Mar 2025 04:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250320

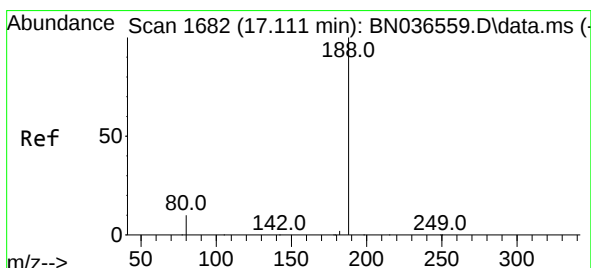
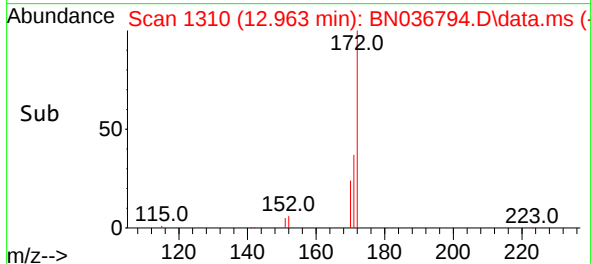
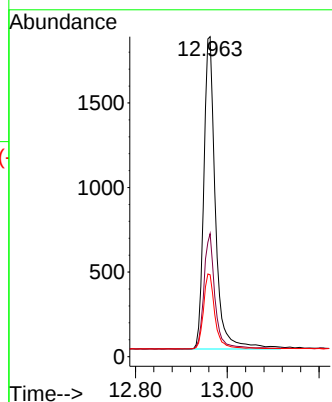
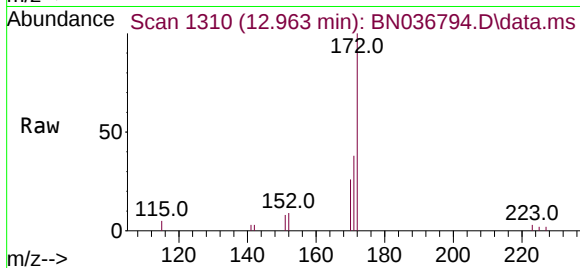
Tgt Ion:172 Resp: 4269

Ion Ratio Lower Upper

172 100

171 38.4 29.5 44.3

170 25.6 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: BN036794.D

Acq: 29 Mar 2025 04:32

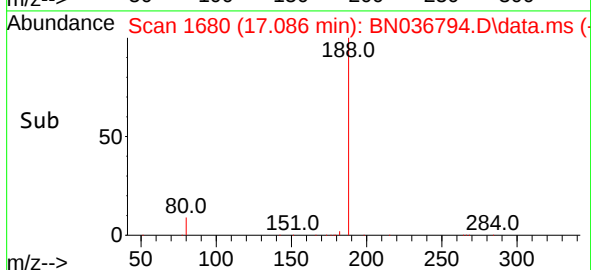
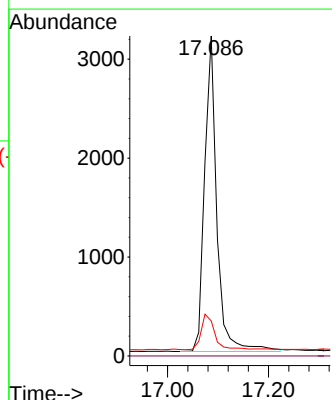
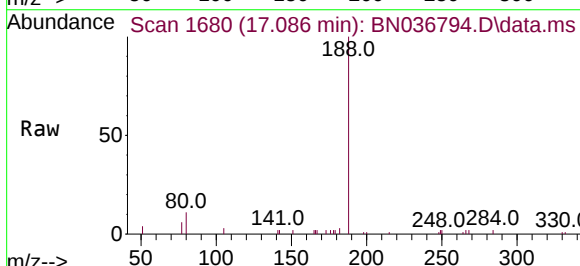
Tgt Ion:188 Resp: 5367

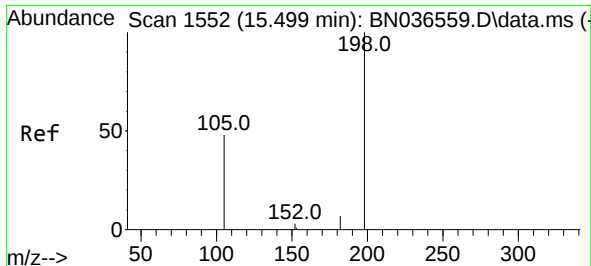
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 8.8 13.2

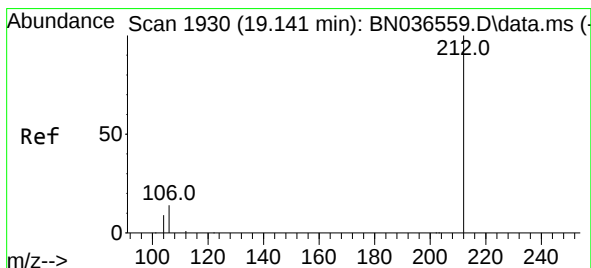
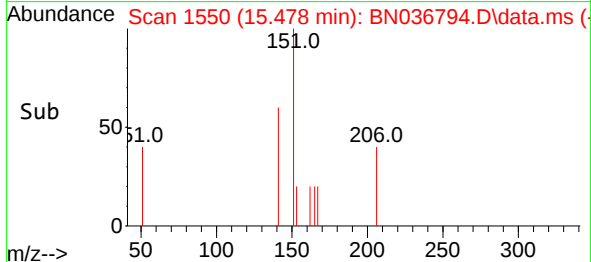
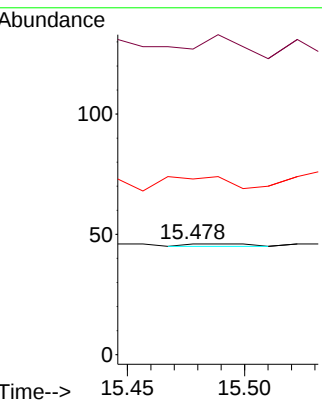
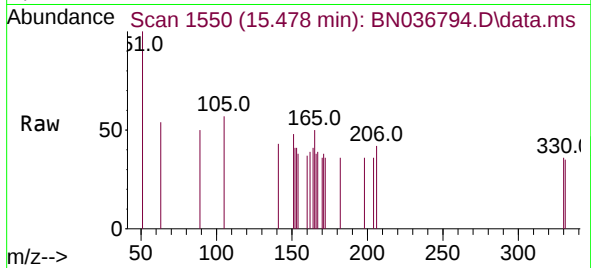




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.478 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

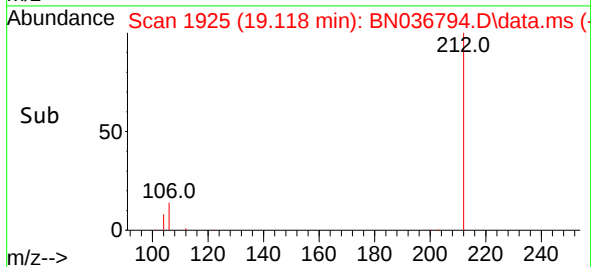
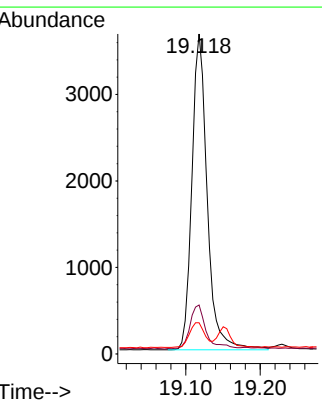
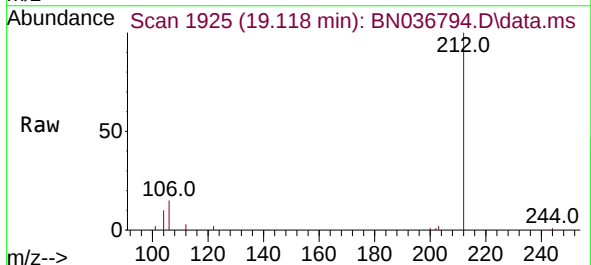
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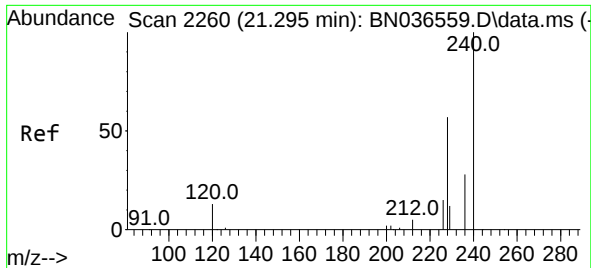
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 276.1 107.9 161.9#
105 158.7 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036794.D
Acq: 29 Mar 2025 04:32

Tgt Ion:212 Resp: 5226
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.0 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036794.D

Acq: 29 Mar 2025 04:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250320

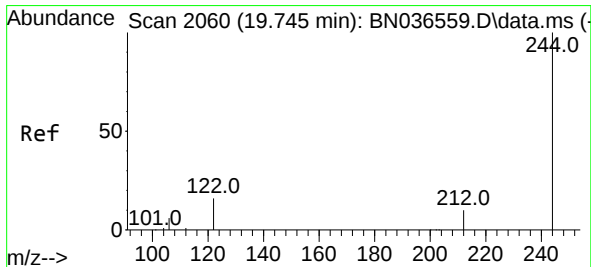
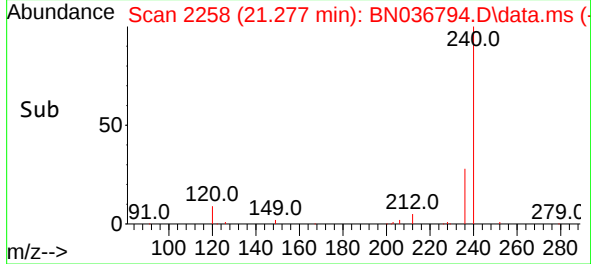
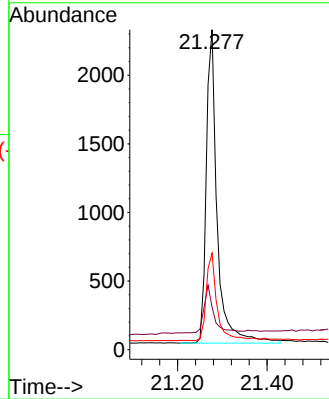
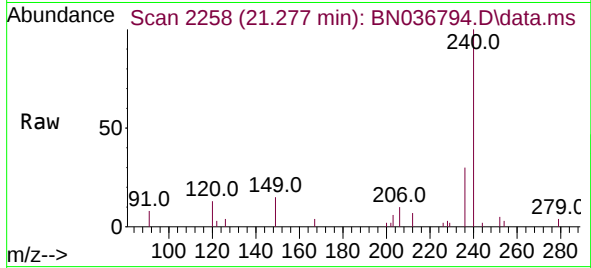
Tgt Ion:240 Resp: 3857

Ion Ratio Lower Upper

240 100

120 13.3 14.6 22.0#

236 30.1 24.1 36.1



#31

Terphenyl-d14

Concen: 0.493 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.028 min

Lab File: BN036794.D

Acq: 29 Mar 2025 04:32

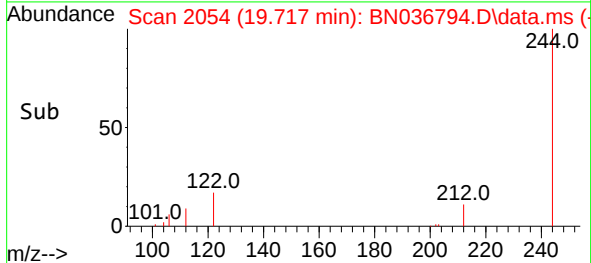
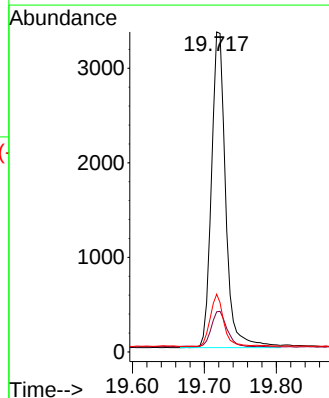
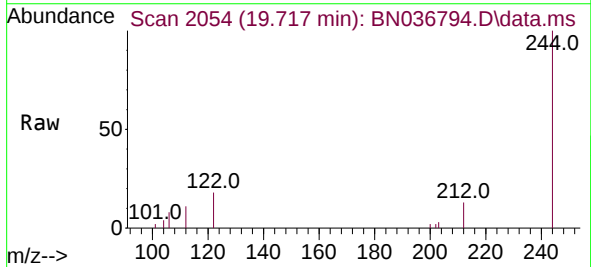
Tgt Ion:244 Resp: 4558

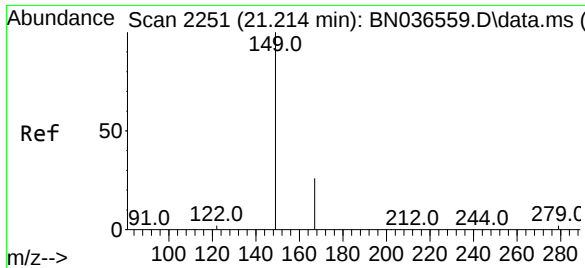
Ion Ratio Lower Upper

244 100

212 12.5 9.6 14.4

122 18.0 13.9 20.9

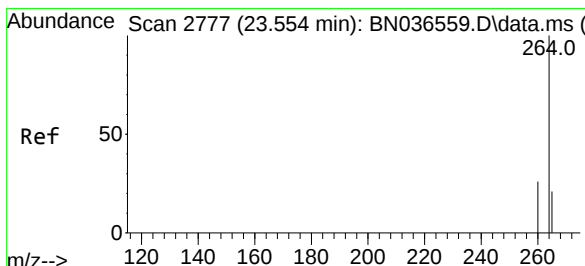
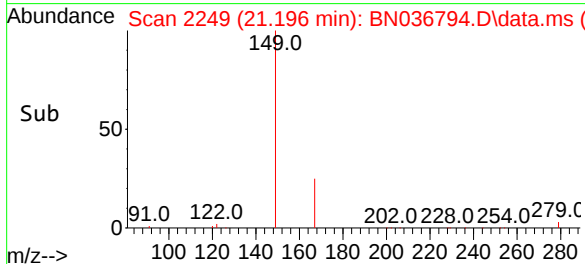
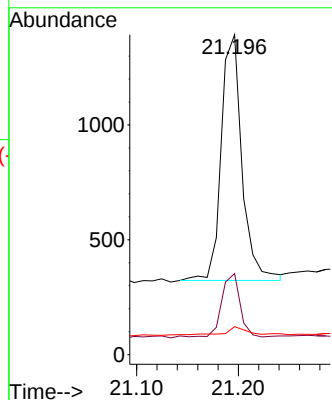
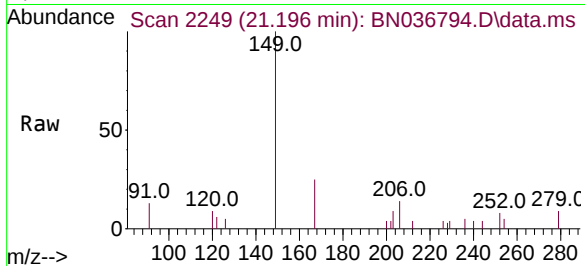




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.196 min Scan# 21196
 Delta R.T. -0.018 min
 Lab File: BN036794.D
 Acq: 29 Mar 2025 04:32

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250320

Tgt Ion:149 Resp: 1516
 Ion Ratio Lower Upper
 149 100
 167 22.2 20.7 31.1
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 2764
 Delta R.T. -0.038 min
 Lab File: BN036794.D
 Acq: 29 Mar 2025 04:32

Tgt Ion:264 Resp: 3191
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.6 33.8
 265 87.9 88.1 132.1#

