

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036646.D
 Acq On : 15 Mar 2025 16:24
 Operator : RC/JU
 Sample : Q1559-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20250312

Quant Time: Mar 17 00:37:00 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)

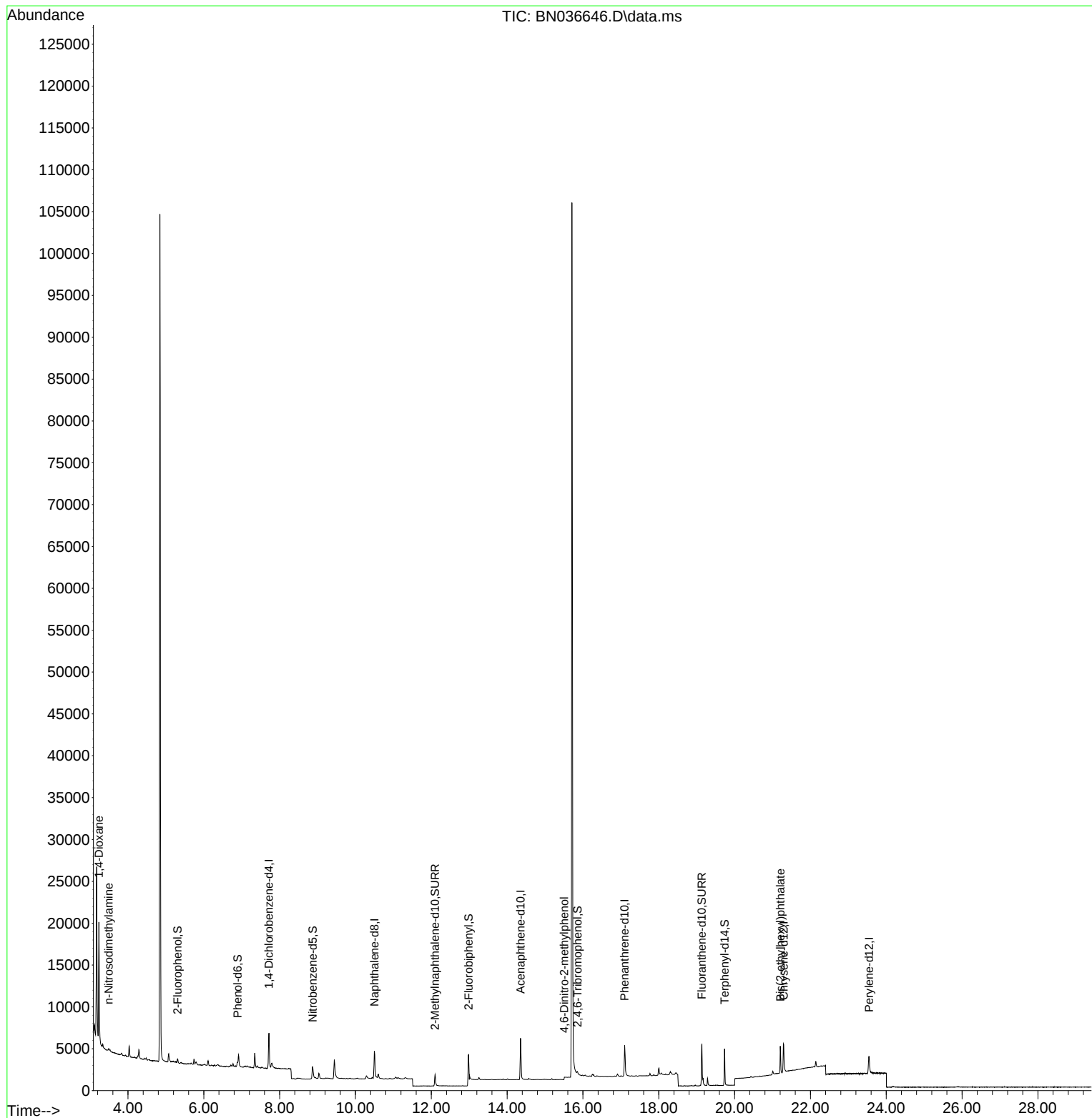
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1962	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4801	0.400	ng	-0.01
13) Acenaphthene-d10	14.356	164	3002	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5723	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4058	0.400	ng	0.00
35) Perylene-d12	23.546	264	3280	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	355	0.078	ng	0.00
5) Phenol-d6	6.894	99	291	0.052	ng	0.00
8) Nitrobenzene-d5	8.875	82	1601	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2294	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	233	0.171	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5757	0.330	ng	0.00
27) Fluoranthene-d10	19.136	212	5889	0.401	ng	0.00
31) Terphenyl-d14	19.736	244	4160	0.428	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	6970	3.202	ng	95
3) n-Nitrosodimethylamine	3.492	42	155	0.035	ng	# 6
20) 4,6-Dinitro-2-methylph...	15.510	198	2	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	2971	0.296	ng	# 99

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

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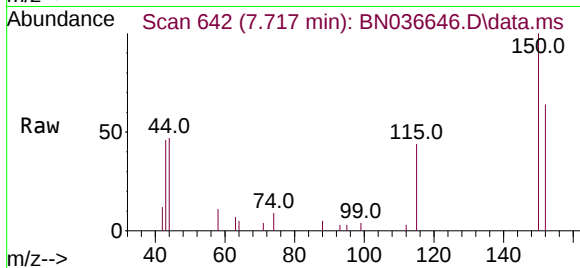
Quant Time: Mar 17 00:37:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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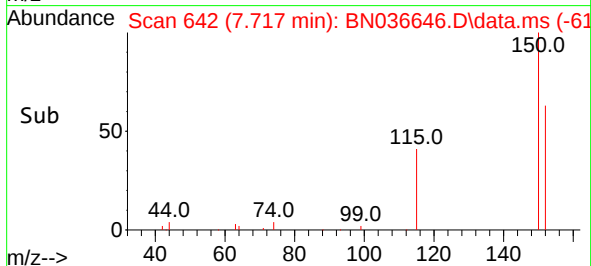
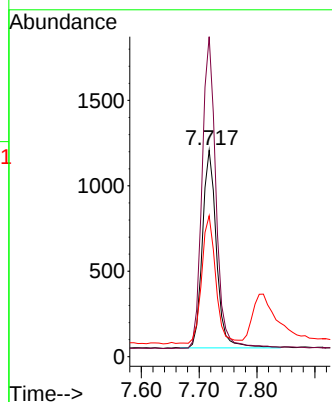
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20250312



Tgt Ion:152 Resp: 1962

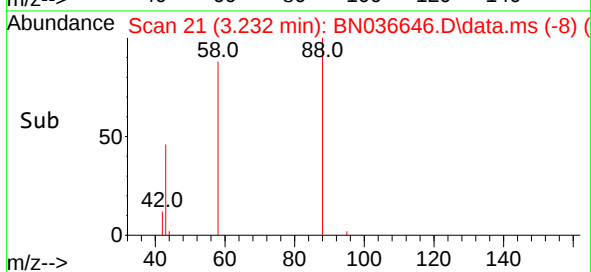
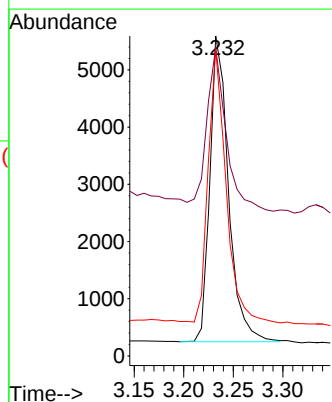
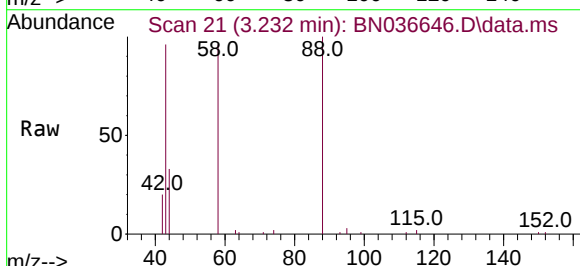
Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.7	185.5
115	68.3	54.3	81.5



#2
 1,4-Dioxane
 Concen: 3.202 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

Tgt Ion: 88 Resp: 6970

Ion	Ratio	Lower	Upper
88	100		
43	55.1	37.8	56.8
58	86.1	67.4	101.2

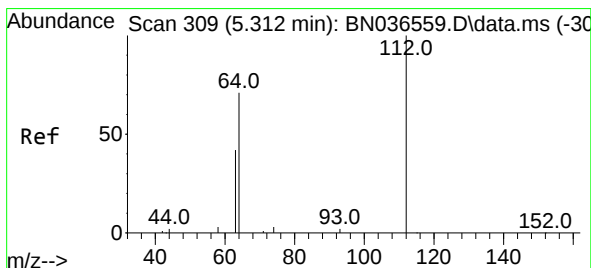
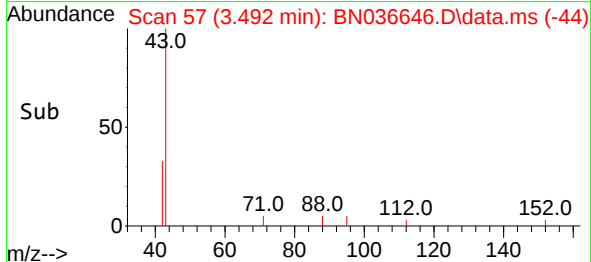
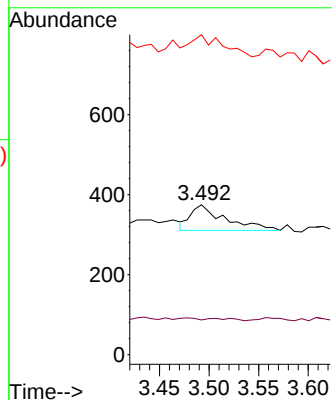
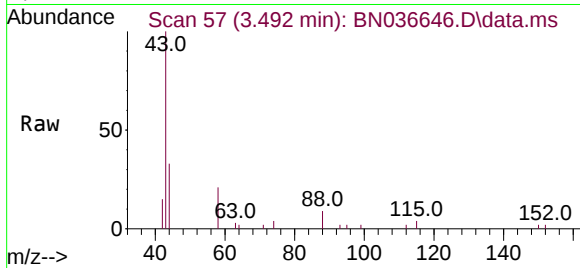




#3
 n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.492 min Scan# 51
 Delta R.T. -0.058 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

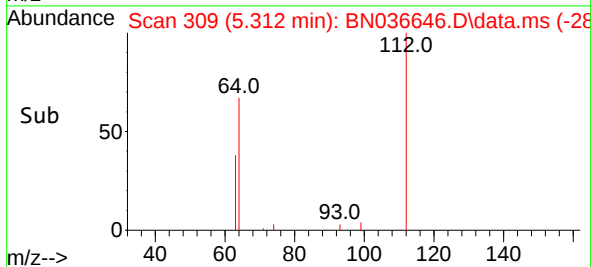
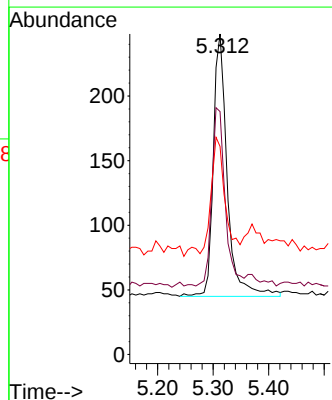
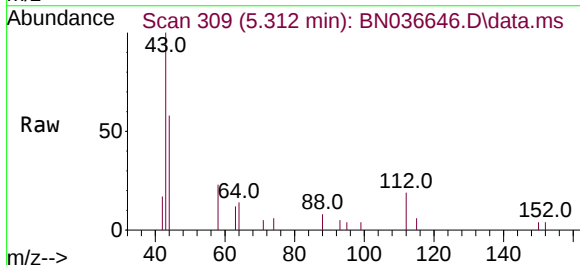
Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20250312

Tgt Ion: 42 Resp: 155
 Ion Ratio Lower Upper
 42 100
 74 3.9 60.6 90.8#
 44 75.5 6.3 9.5#



#4
 2-Fluorophenol
 Concen: 0.078 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

Tgt Ion: 112 Resp: 355
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.1 79.7
 63 43.1 31.8 47.8

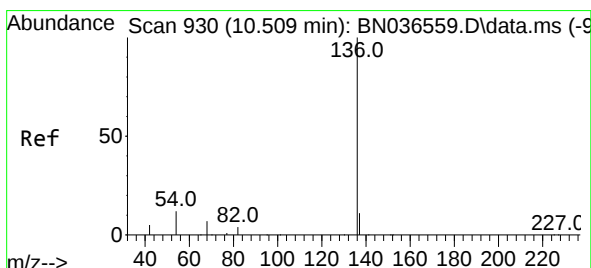
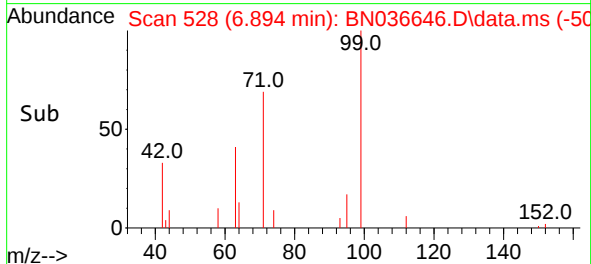
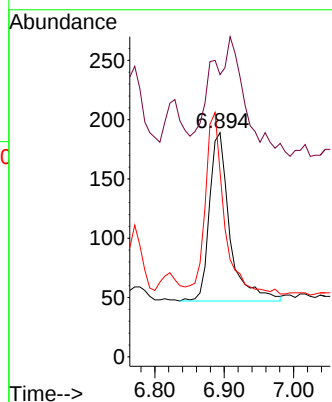
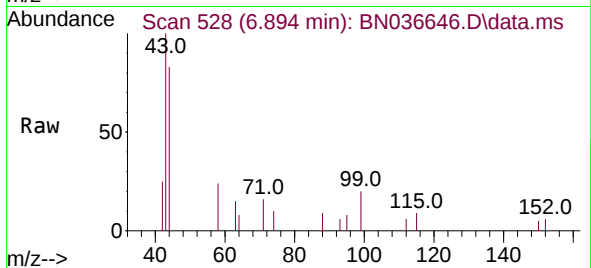




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

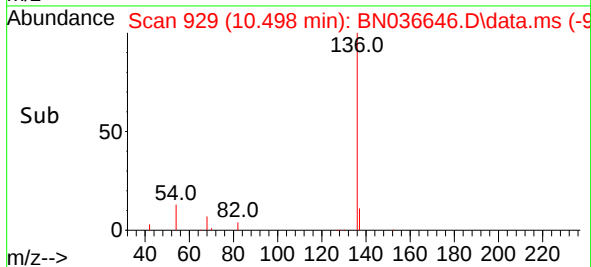
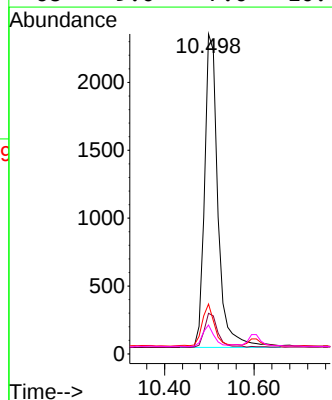
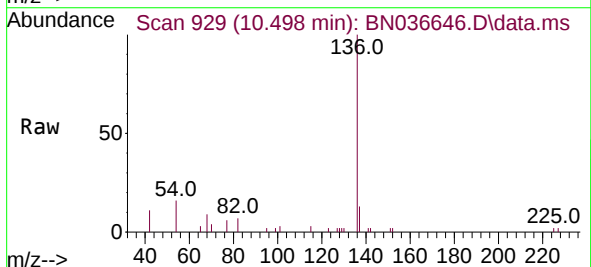
Instrument :
BNA_N
ClientSampleId :
RE104D1-20250312

Tgt Ion: 99 Resp: 291
Ion Ratio Lower Upper
99 100
42 34.0 26.5 39.7
71 99.3 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Tgt Ion: 136 Resp: 4801
Ion Ratio Lower Upper
136 100
137 12.7 10.3 15.5
54 15.6 11.5 17.3
68 9.0 7.0 10.4

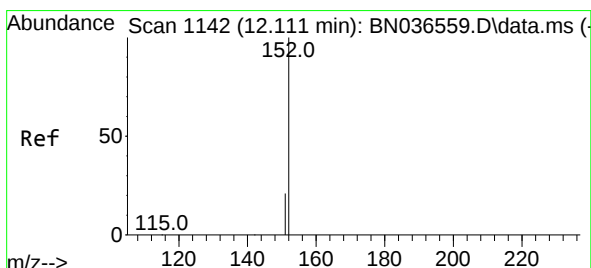
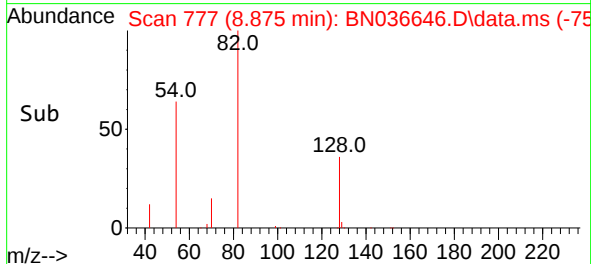
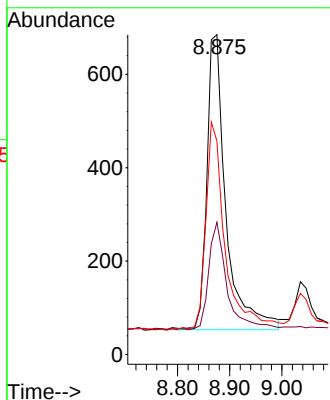
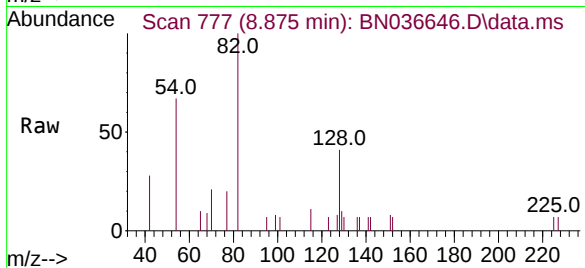




#8
 Nitrobenzene-d5
 Concen: 0.307 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

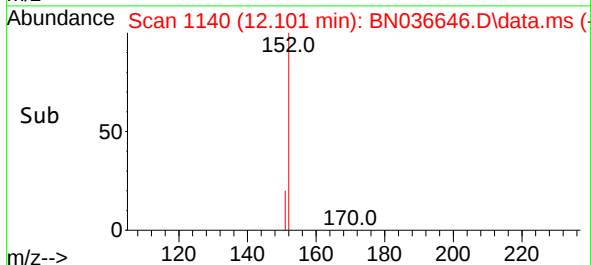
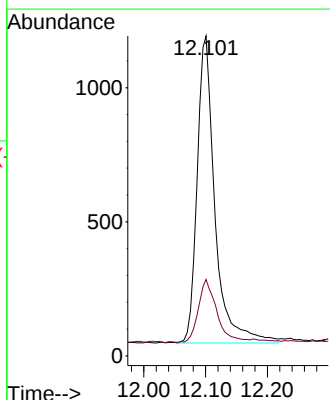
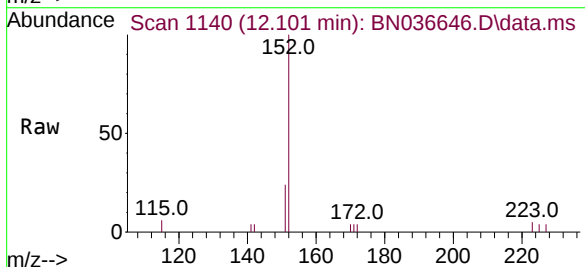
Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20250312

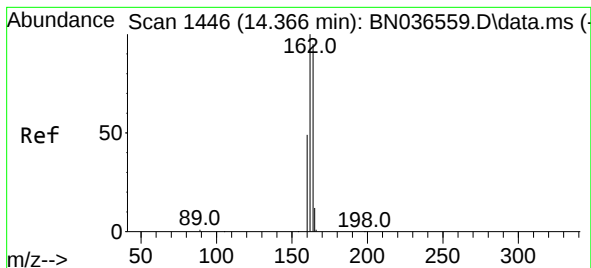
Tgt Ion: 82 Resp: 1601
 Ion Ratio Lower Upper
 82 100
 128 41.3 30.6 45.8
 54 66.7 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036646.D
 Acq: 15 Mar 2025 16:24

Tgt Ion: 152 Resp: 2294
 Ion Ratio Lower Upper
 152 100
 151 21.1 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: BN036646.D

Acq: 15 Mar 2025 16:24

Instrument :

BNA_N

ClientSampleId :

RE104D1-20250312

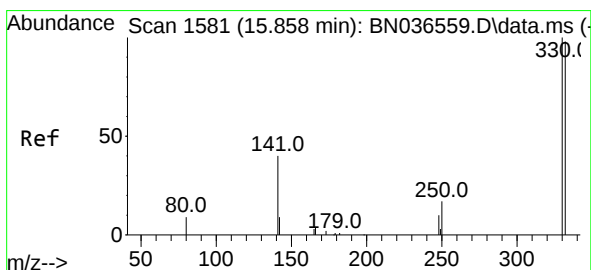
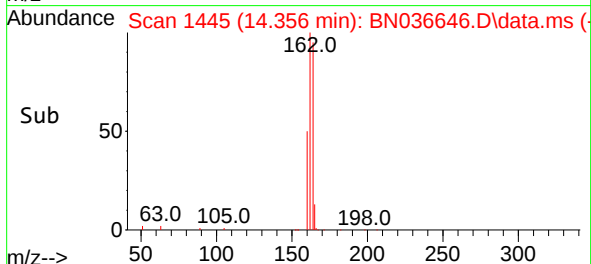
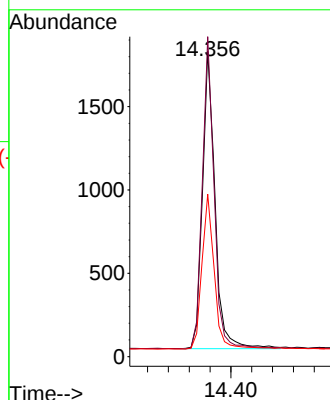
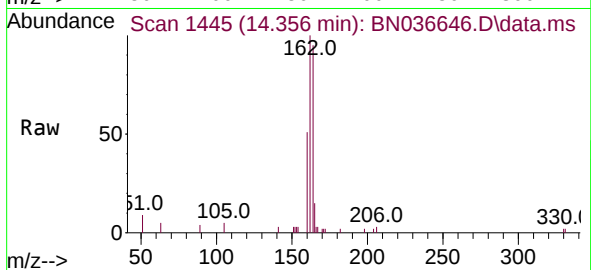
Tgt Ion:164 Resp: 3002

Ion Ratio Lower Upper

164 100

162 104.8 84.2 126.2

160 53.2 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.171 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036646.D

Acq: 15 Mar 2025 16:24

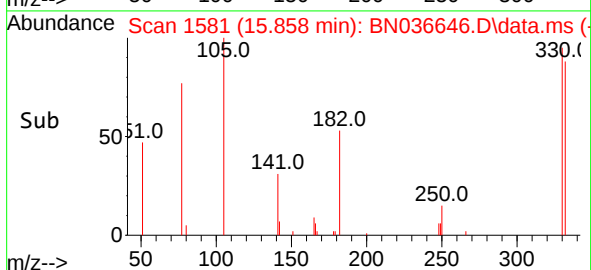
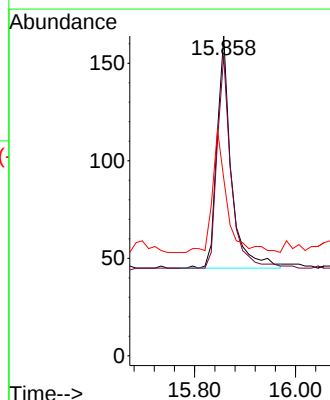
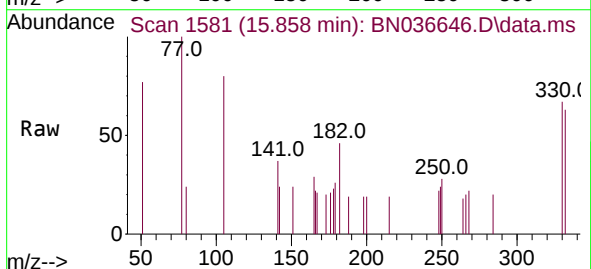
Tgt Ion:330 Resp: 233

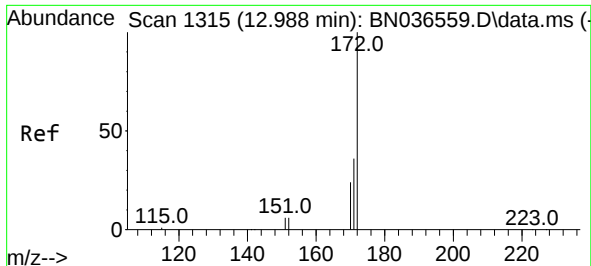
Ion Ratio Lower Upper

330 100

332 89.7 75.2 112.8

141 52.8 43.4 65.2

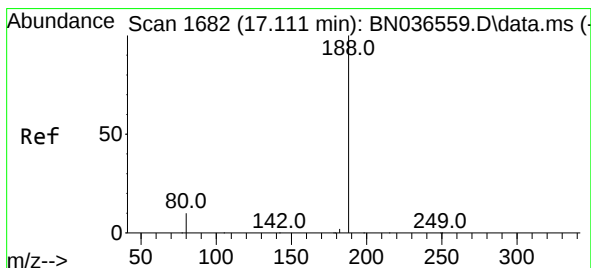
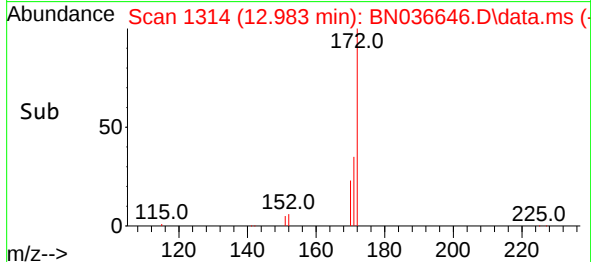
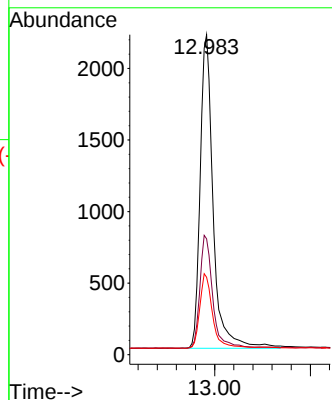
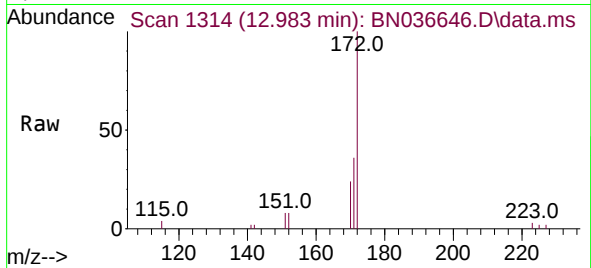




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

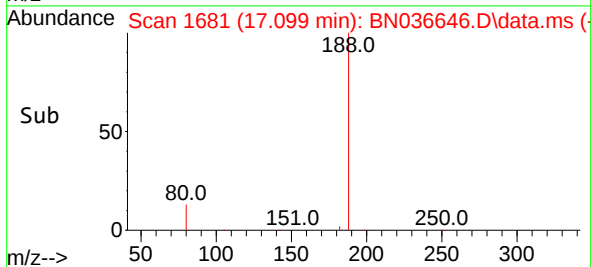
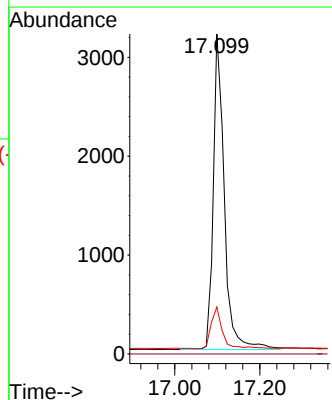
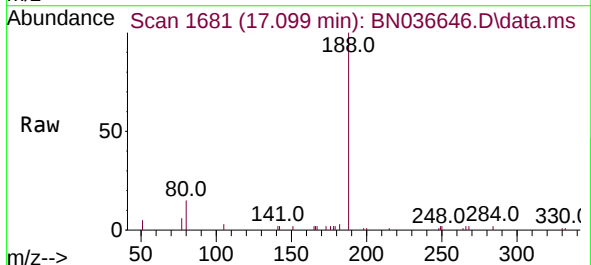
Instrument :
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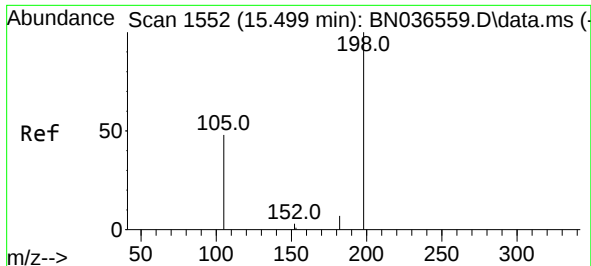
Tgt Ion:172 Resp: 5757
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Tgt Ion:188 Resp: 5723
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 8.8 13.2#

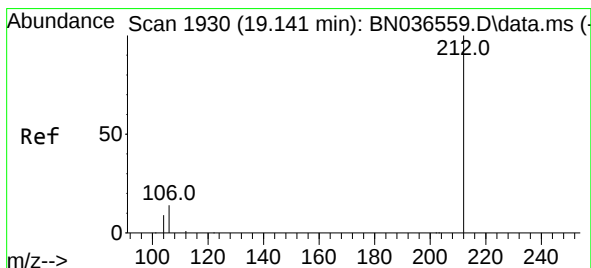
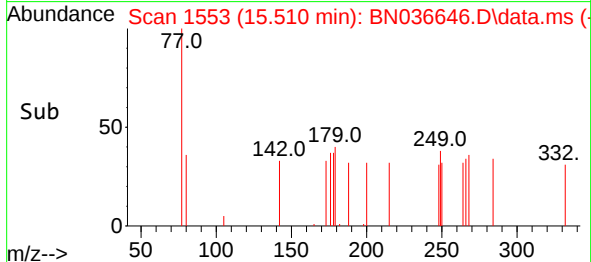
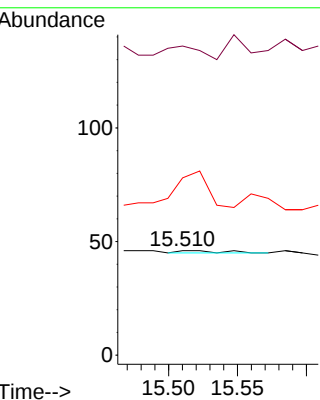
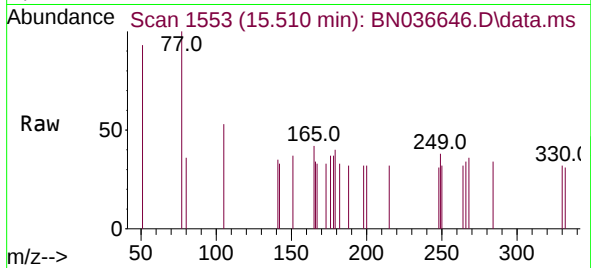




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

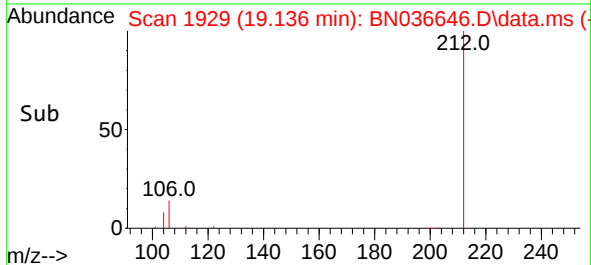
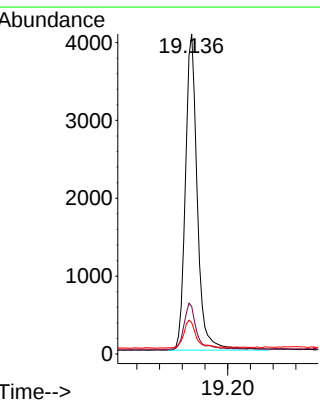
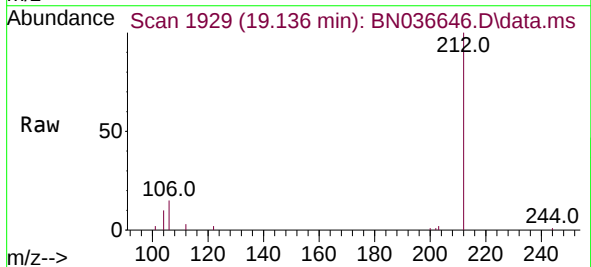
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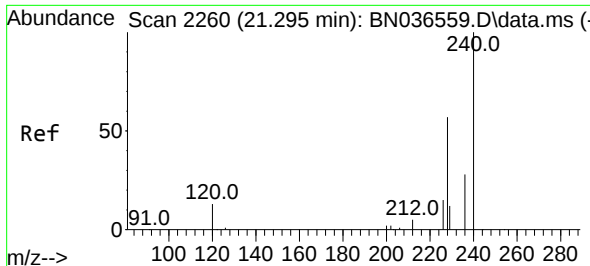
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 295.7 107.9 161.9#
105 169.6 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Tgt Ion:212 Resp: 5889
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 9.3 7.3 10.9

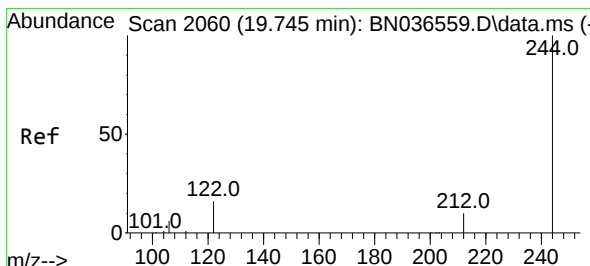
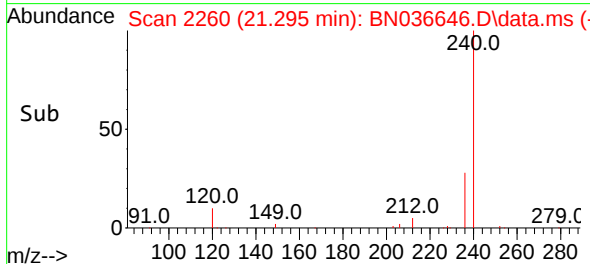
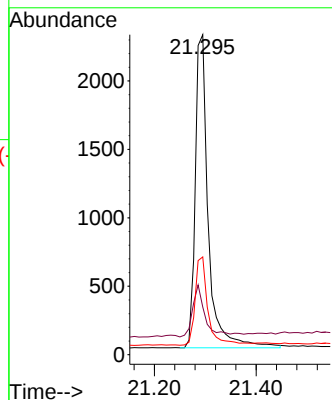
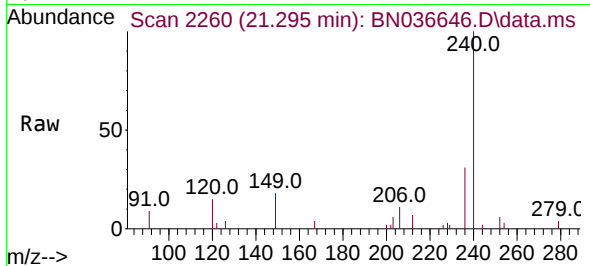




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

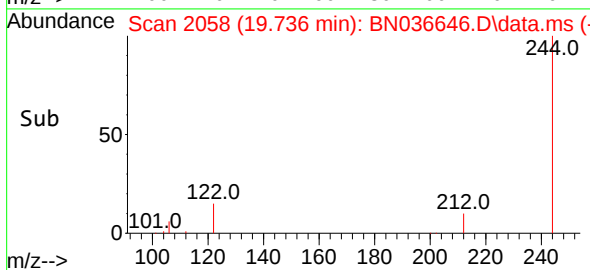
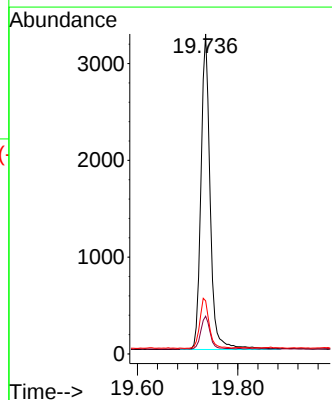
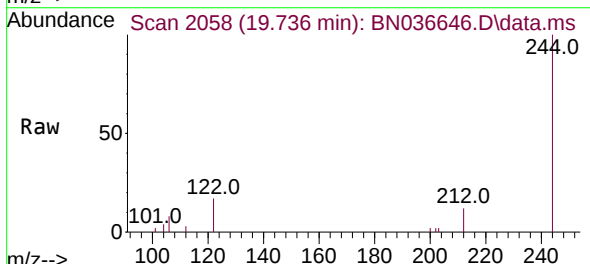
Instrument :
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RE104D1-20250312

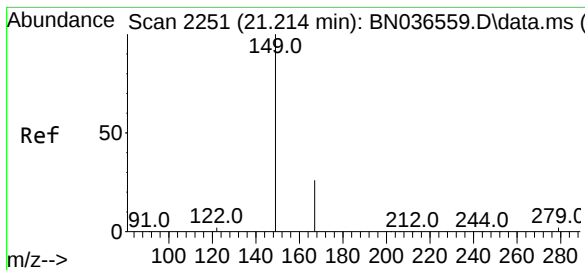
Tgt Ion:240 Resp: 4058
Ion Ratio Lower Upper
240 100
120 14.9 14.6 22.0
236 30.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Tgt Ion:244 Resp: 4160
Ion Ratio Lower Upper
244 100
212 11.8 9.6 14.4
122 16.6 13.9 20.9

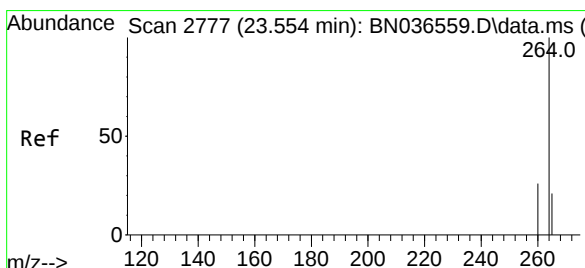
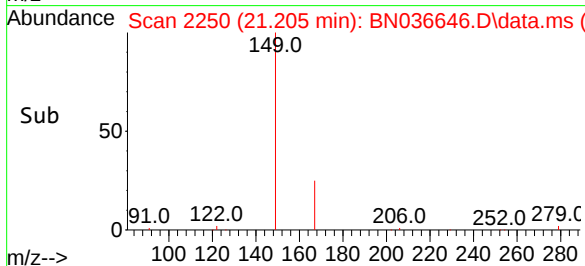
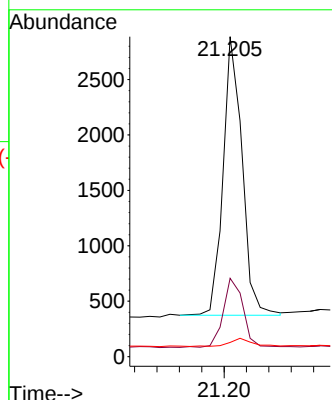
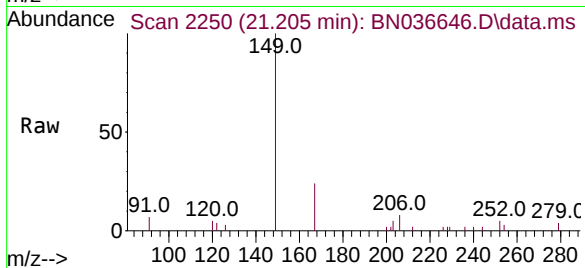




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.205 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Instrument :
BNA_N
ClientSampleId :
RE104D1-20250312

Tgt Ion:149 Resp: 2971
Ion Ratio Lower Upper
149 100
167 26.0 20.7 31.1
279 3.6 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2774
Delta R.T. -0.009 min
Lab File: BN036646.D
Acq: 15 Mar 2025 16:24

Tgt Ion:264 Resp: 3280
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 97.3 88.1 132.1

