

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036784.D
 Acq On : 28 Mar 2025 21:51
 Operator : RC/JU
 Sample : Q1608-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 22:53:21 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)

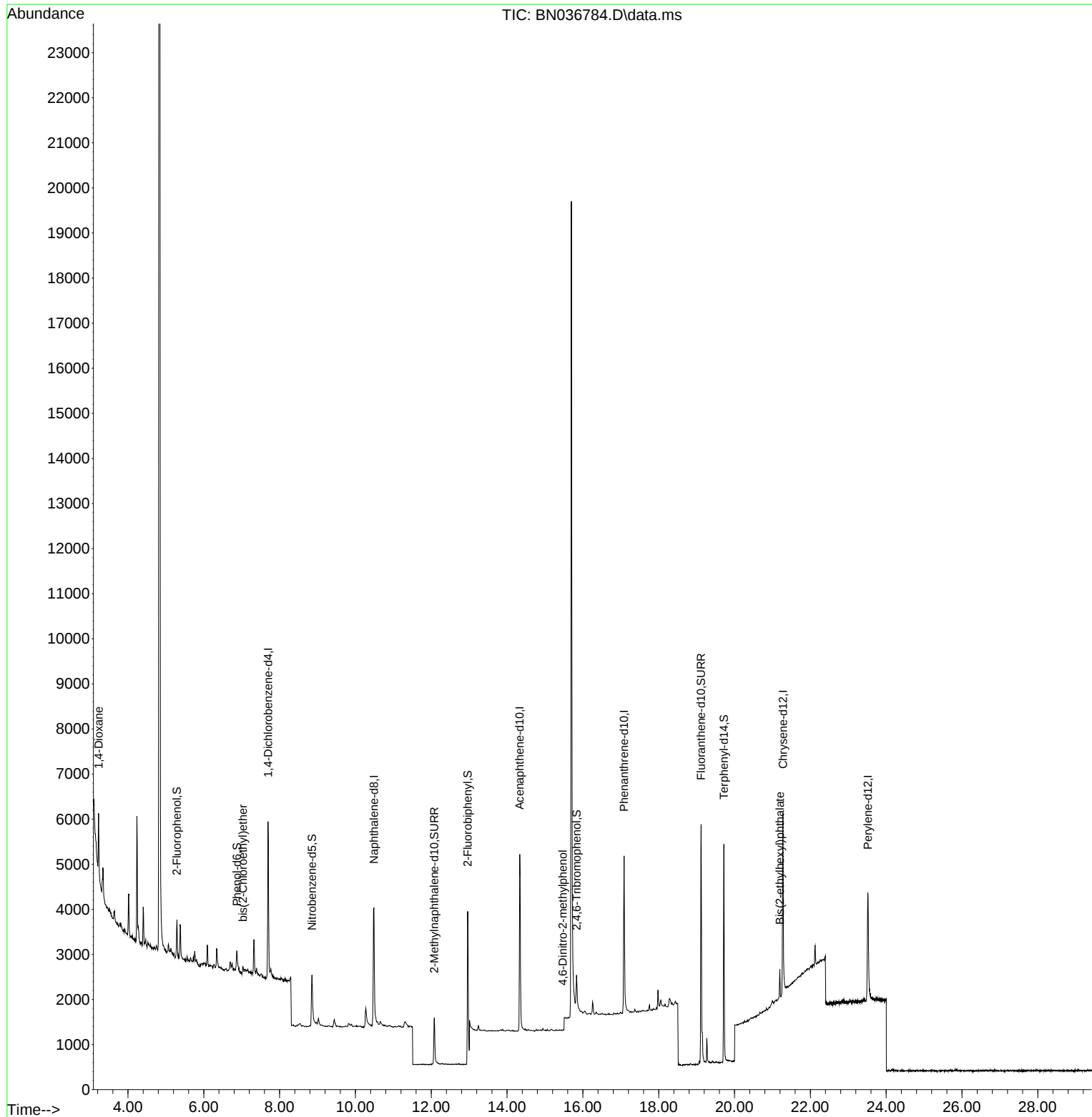
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1736	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	4215	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2595	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5466	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4415	0.400	ng	#-0.02
35) Perylene-d12	23.519	264	3766	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	587	0.145	ng	-0.02
5) Phenol-d6	6.872	99	405	0.081	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1298	0.283	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1769	0.282	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	466	0.396	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5174	0.343	ng	-0.03
27) Fluoranthene-d10	19.118	212	6371	0.455	ng	-0.02
31) Terphenyl-d14	19.717	244	4860	0.459	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	700	0.363	ng	# 63
6) bis(2-Chloroethyl)ether	7.031	93	260	0.050	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.467	198	5	0.149	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	645	0.059	ng	# 98

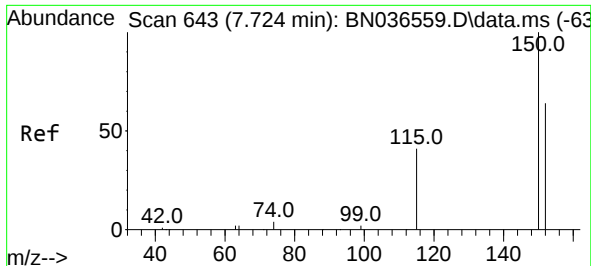
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
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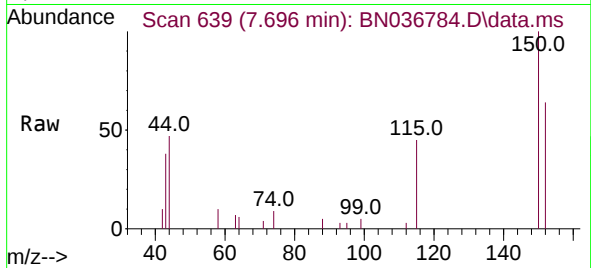
Quant Time: Mar 28 22:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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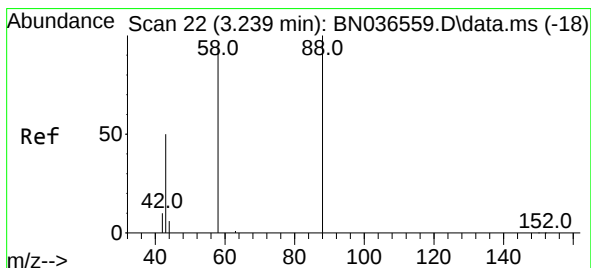
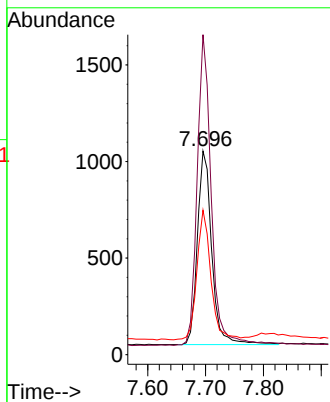
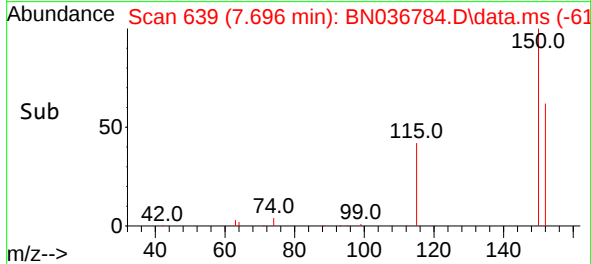


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036784.D
 Acq: 28 Mar 2025 21:51

Instrument :
 BNA_N
 ClientSampleId :

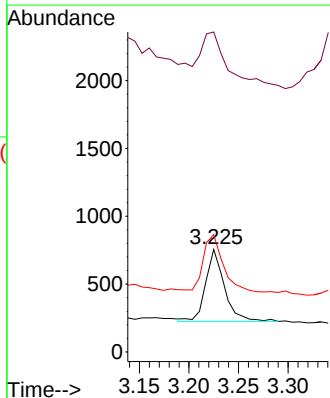
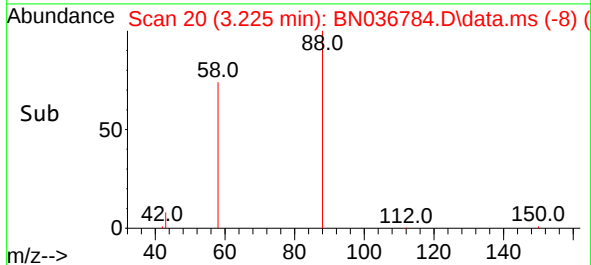
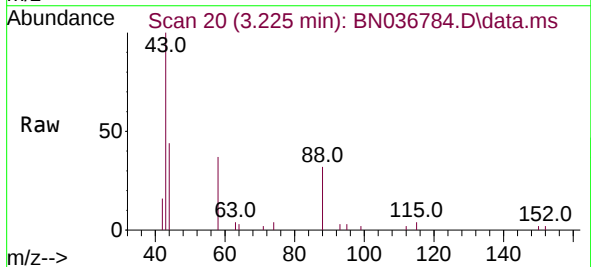


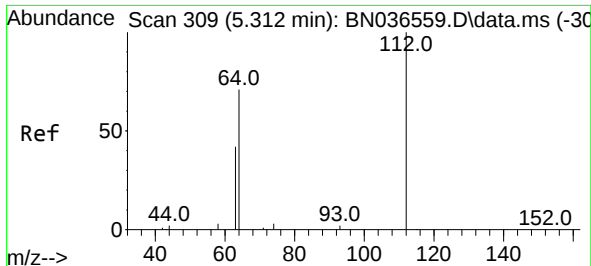
Tgt Ion:152 Resp: 1736
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.7 185.5
 115 71.0 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.363 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036784.D
 Acq: 28 Mar 2025 21:51

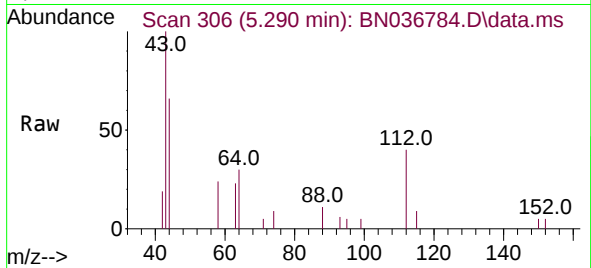
Tgt Ion: 88 Resp: 700
 Ion Ratio Lower Upper
 88 100
 43 116.6 37.8 56.8#
 58 84.4 67.4 101.2



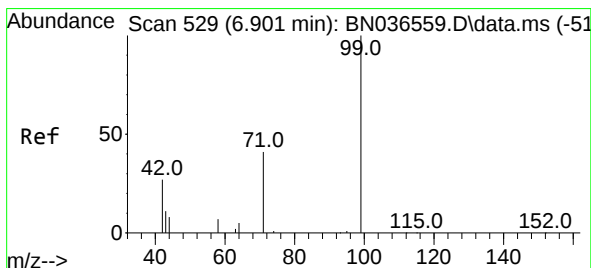
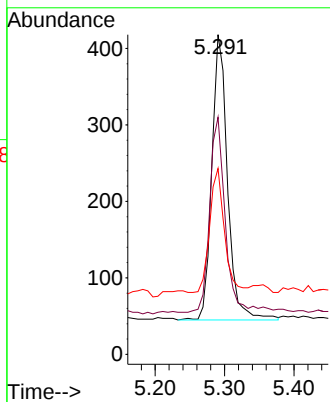
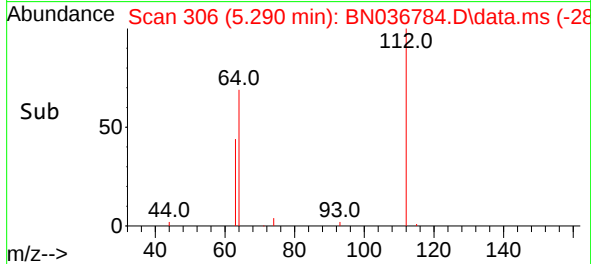


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Instrument :
BNA_N
ClientSampleId :

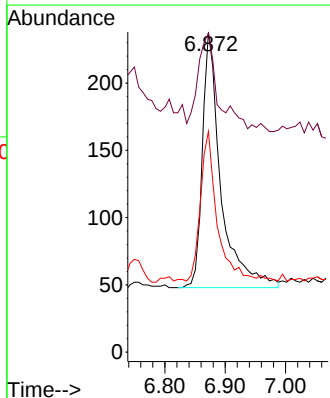
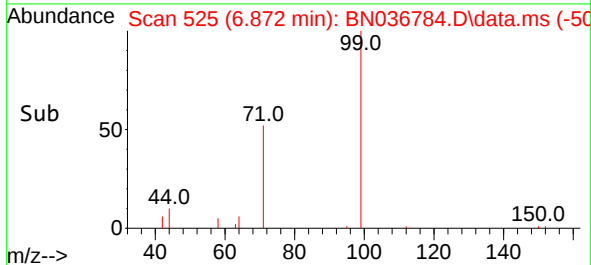
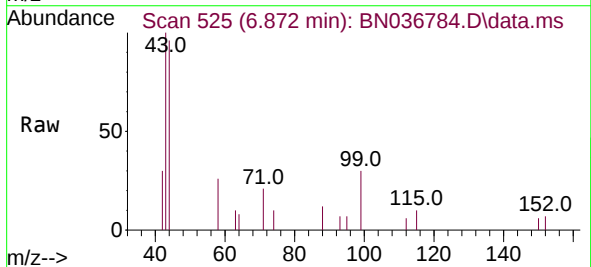


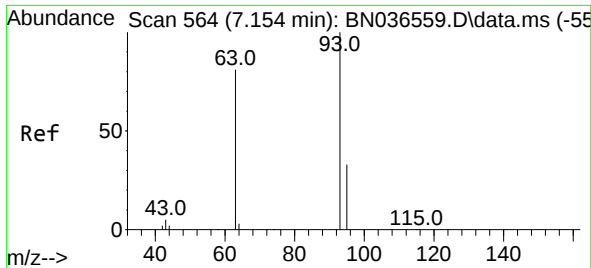
Tgt Ion:	112	Resp:	587
Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.1	79.7
63	41.7	31.8	47.8



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Tgt Ion:	99	Resp:	405
Ion	Ratio	Lower	Upper
99	100		
42	30.4	26.5	39.7
71	50.9	34.1	51.1

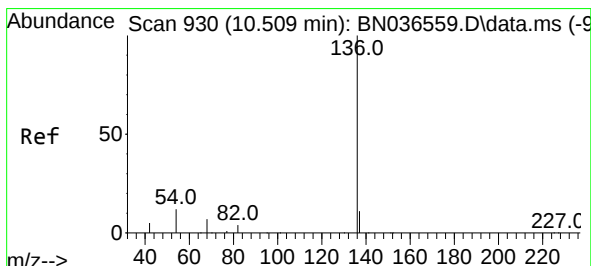
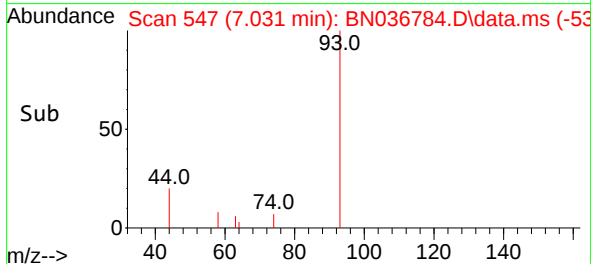
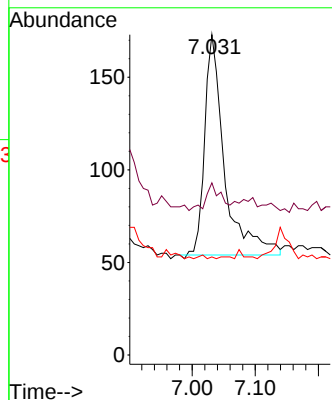
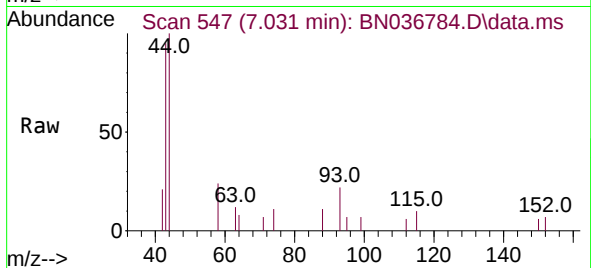




#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.123 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

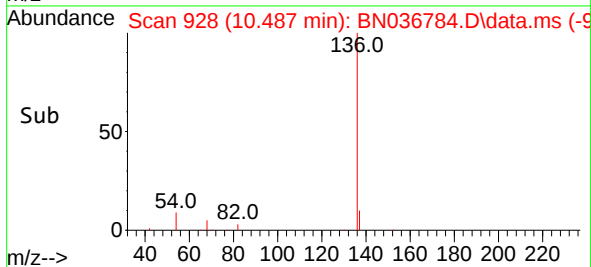
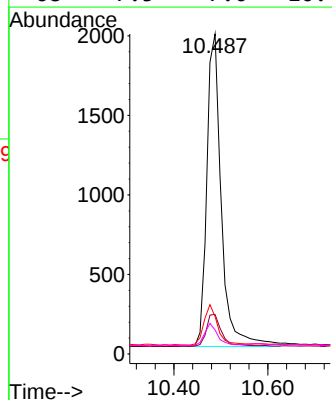
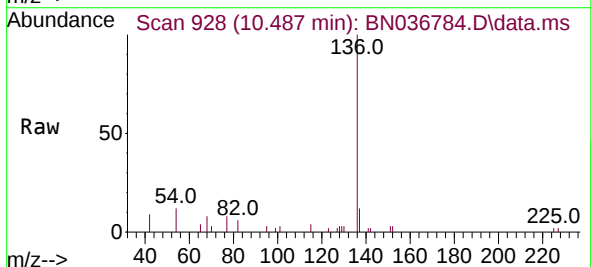
Instrument :
BNA_N
ClientSampleId :

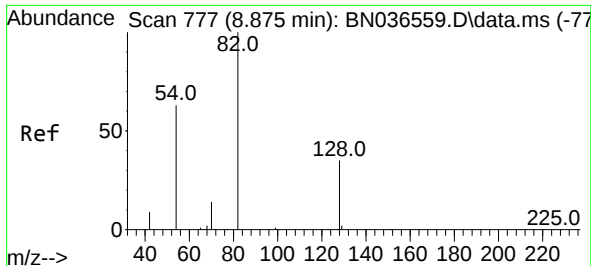
Tgt Ion: 93 Resp: 260
Ion Ratio Lower Upper
93 100
63 6.2 67.7 101.5#
95 0.8 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Tgt Ion:136 Resp: 4215
Ion Ratio Lower Upper
136 100
137 12.4 10.3 15.5
54 11.7 11.5 17.3
68 7.5 7.0 10.4

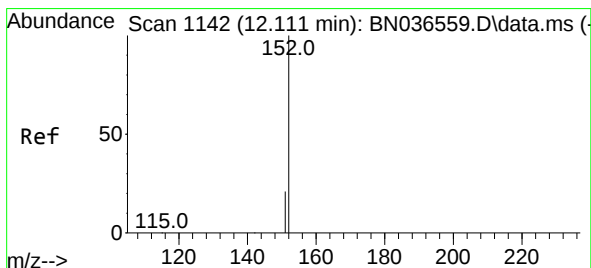
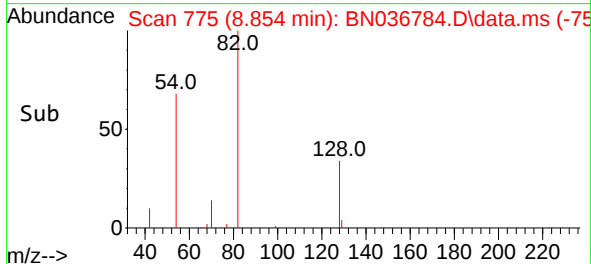
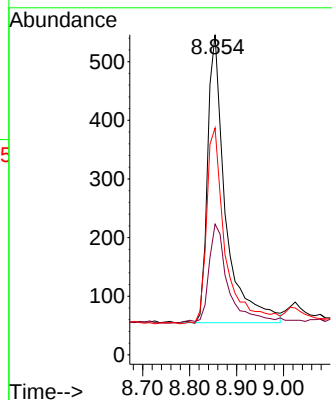
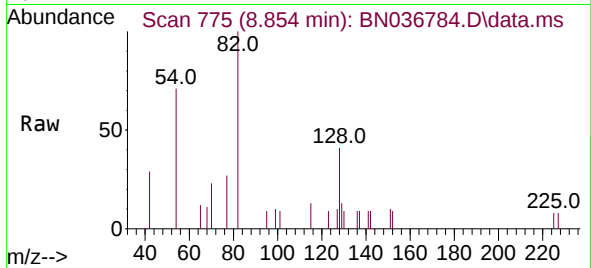




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.854 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

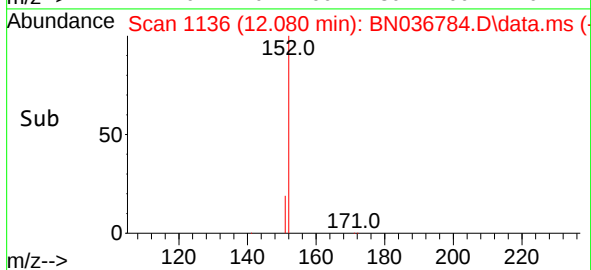
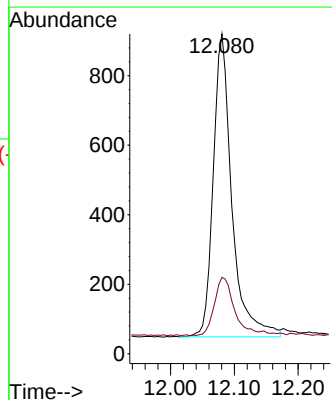
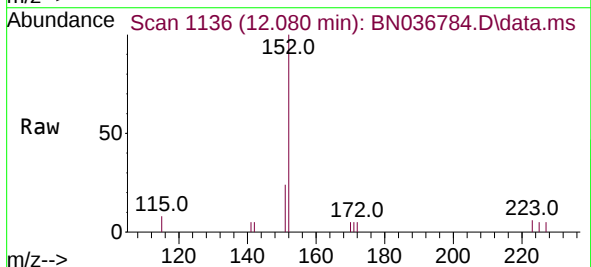
Instrument :
BNA_N
ClientSampleId :

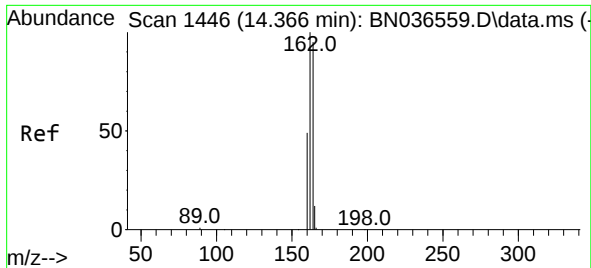
Tgt Ion: 82 Resp: 1298
Ion Ratio Lower Upper
82 100
128 40.8 30.6 45.8
54 70.9 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.080 min Scan# 1136
Delta R.T. -0.030 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

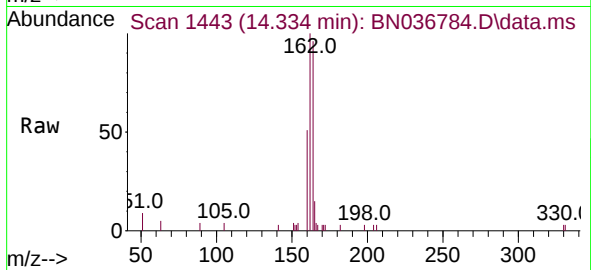
Tgt Ion: 152 Resp: 1769
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



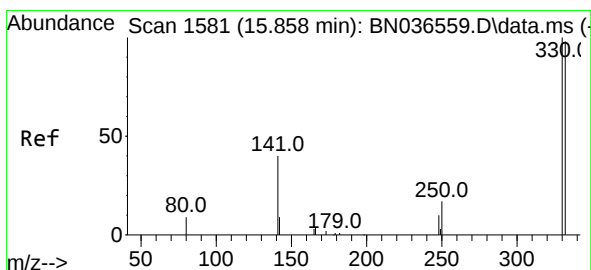
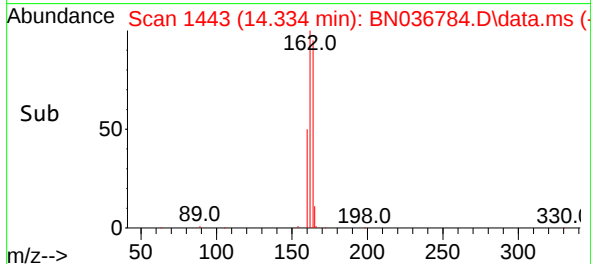
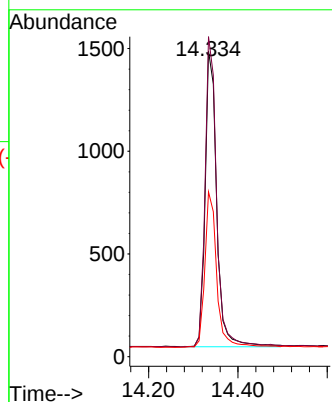


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Instrument :
BNA_N
ClientSampleId :

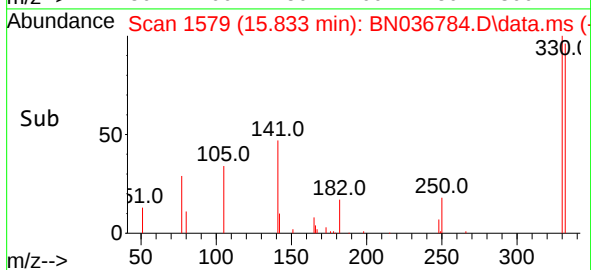
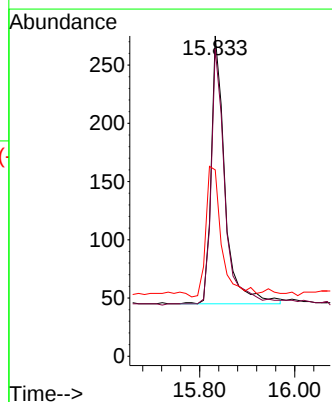
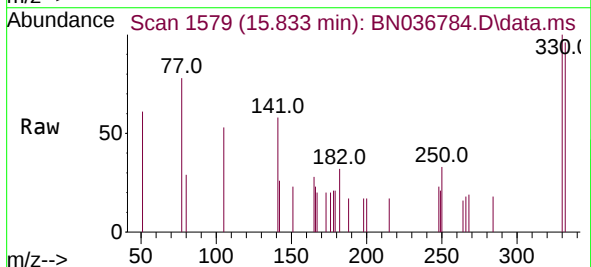


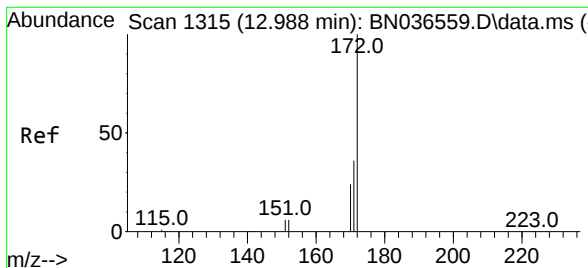
Tgt Ion:164 Resp: 2595
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.2
160 53.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

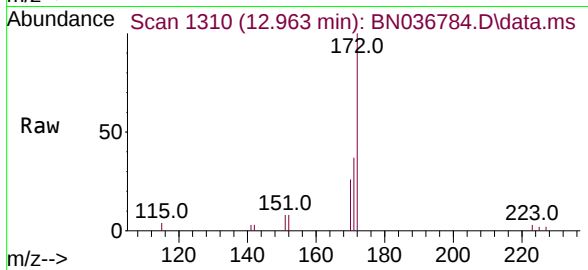
Tgt Ion:330 Resp: 466
Ion Ratio Lower Upper
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332 93.8 75.2 112.8
141 56.2 43.4 65.2



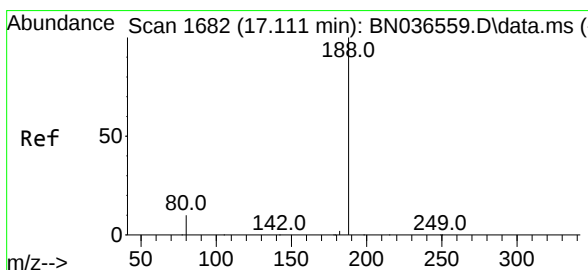
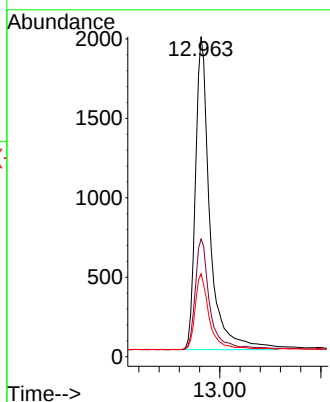
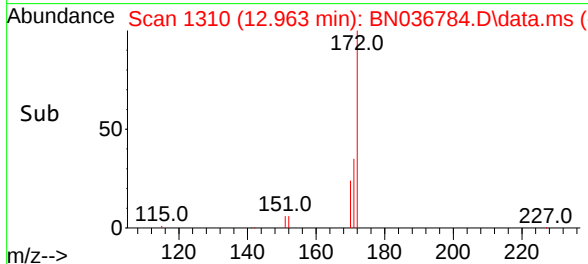


#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Instrument :
BNA_N
ClientSampleId :

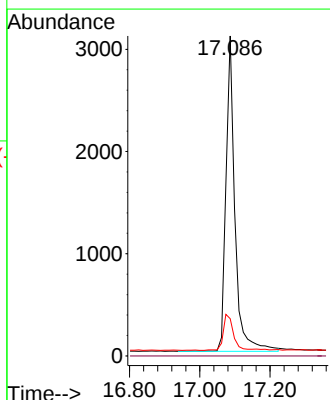
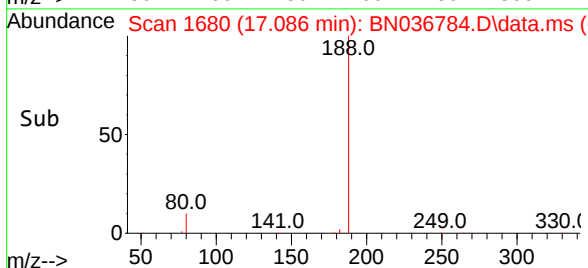
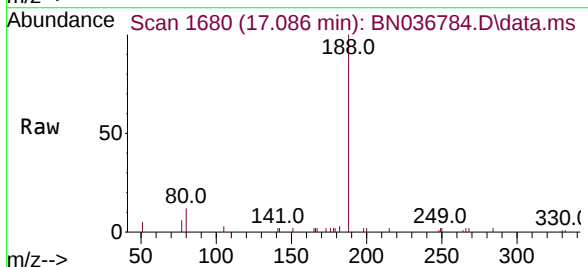


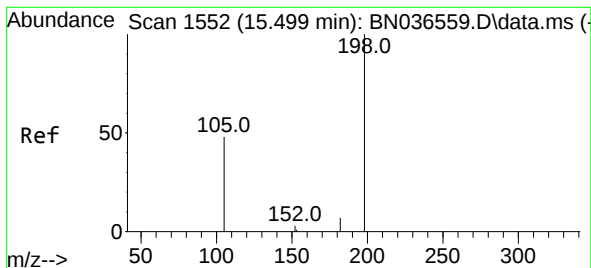
Tgt Ion:172 Resp: 5174
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 25.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Tgt Ion:188 Resp: 5466
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 8.8 13.2

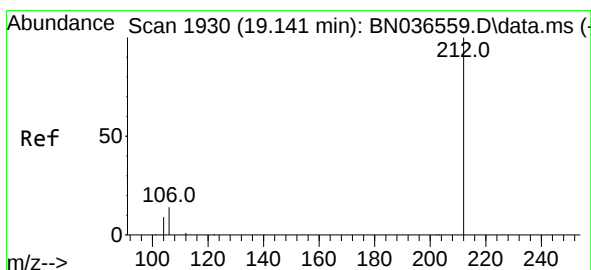
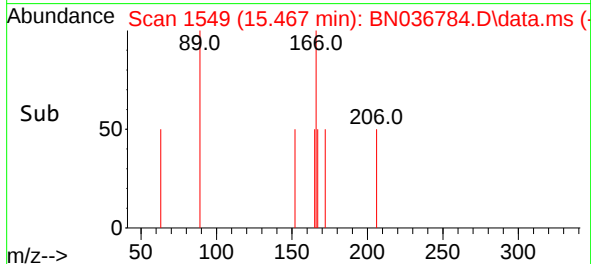
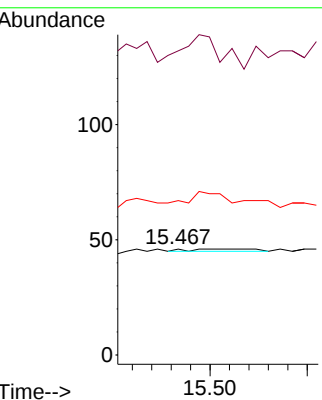
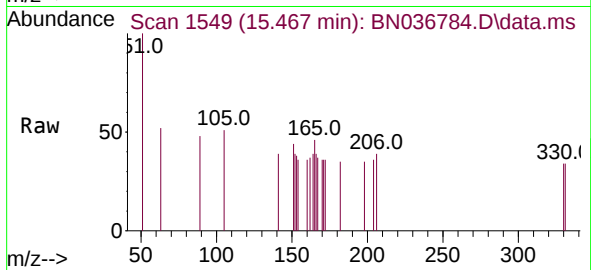




#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.467 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

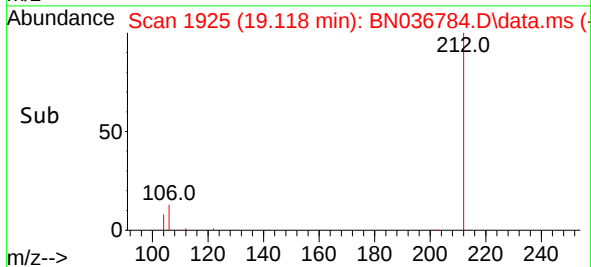
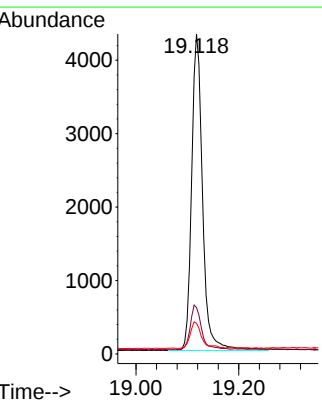
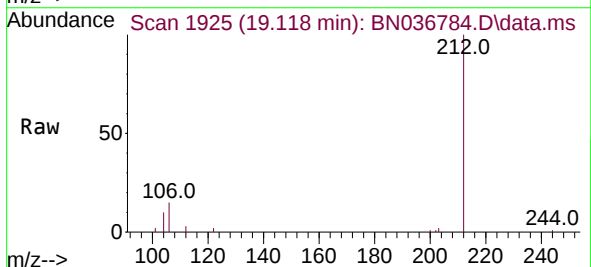
Instrument :
BNA_N
ClientSampleId :

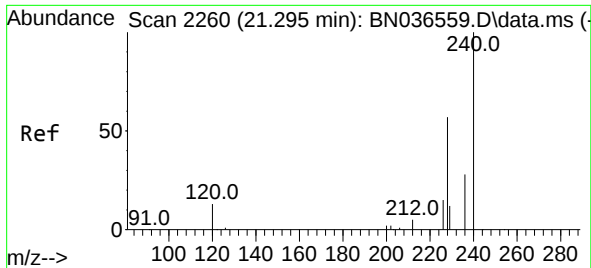
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 287.0 107.9 161.9#
105 145.7 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

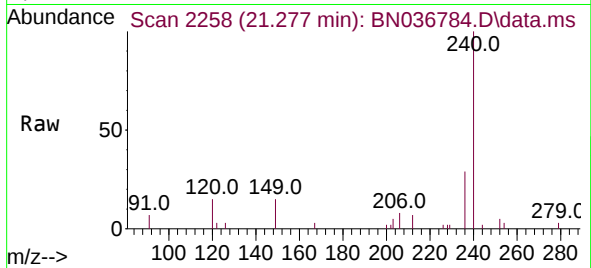
Tgt Ion:212 Resp: 6371
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.8 7.3 10.9



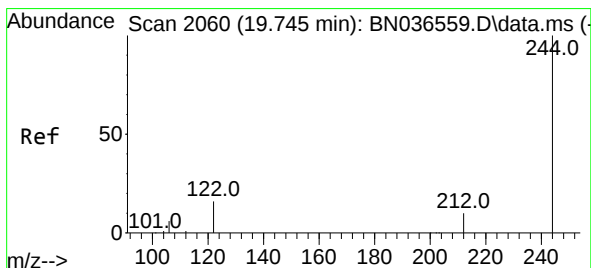
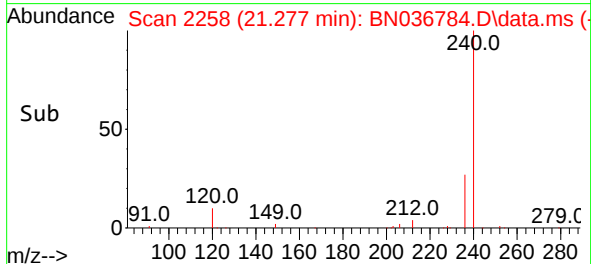
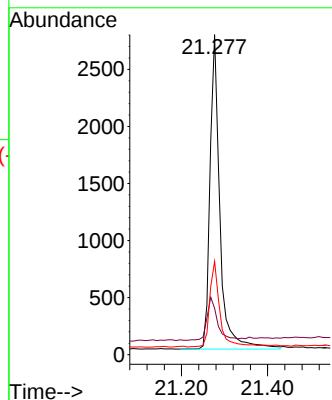


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Instrument :
BNA_N
ClientSampleId :

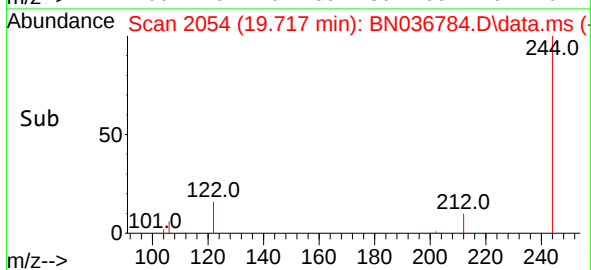
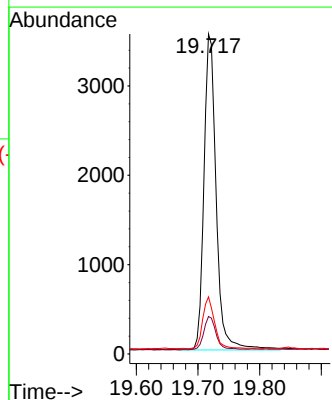
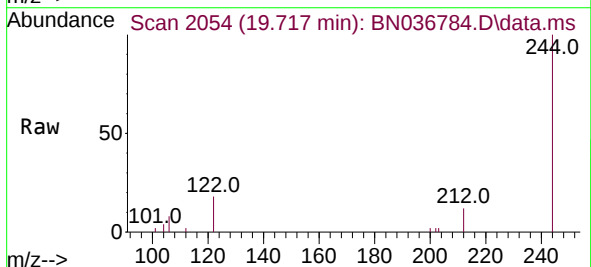


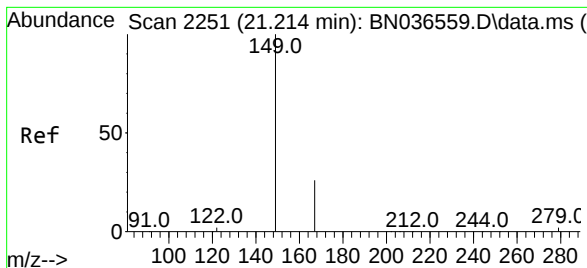
Tgt Ion:240 Resp: 4415
Ion Ratio Lower Upper
240 100
120 14.5 14.6 22.0#
236 29.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.459 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036784.D
Acq: 28 Mar 2025 21:51

Tgt Ion:244 Resp: 4860
Ion Ratio Lower Upper
244 100
212 11.7 9.6 14.4
122 17.8 13.9 20.9

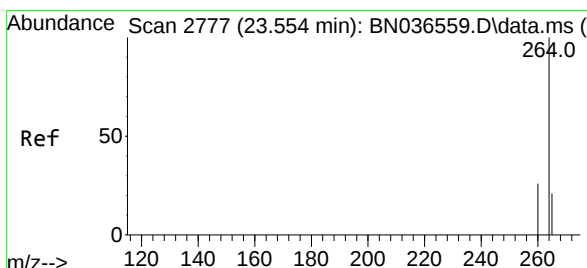
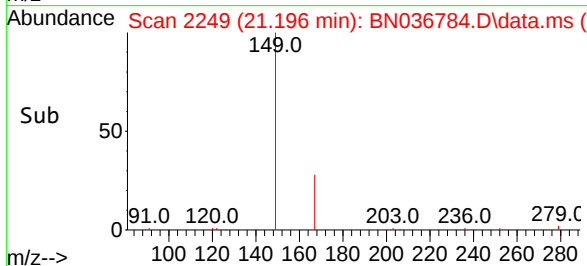
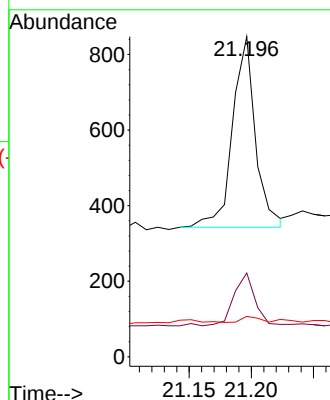
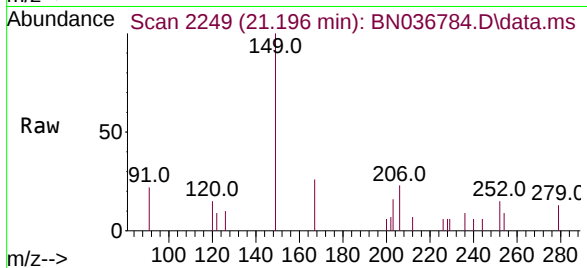




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036784.D
 Acq: 28 Mar 2025 21:51

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 645
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.7 31.1
 279 3.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.519 min Scan# 2765
 Delta R.T. -0.035 min
 Lab File: BN036784.D
 Acq: 28 Mar 2025 21:51

Tgt Ion:264 Resp: 3766
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.6 33.8
 265 83.6 88.1 132.1#

