

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036637.D
 Acq On : 15 Mar 2025 10:59
 Operator : RC/JU
 Sample : Q1559-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250310

Quant Time: Mar 17 00:35:12 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)

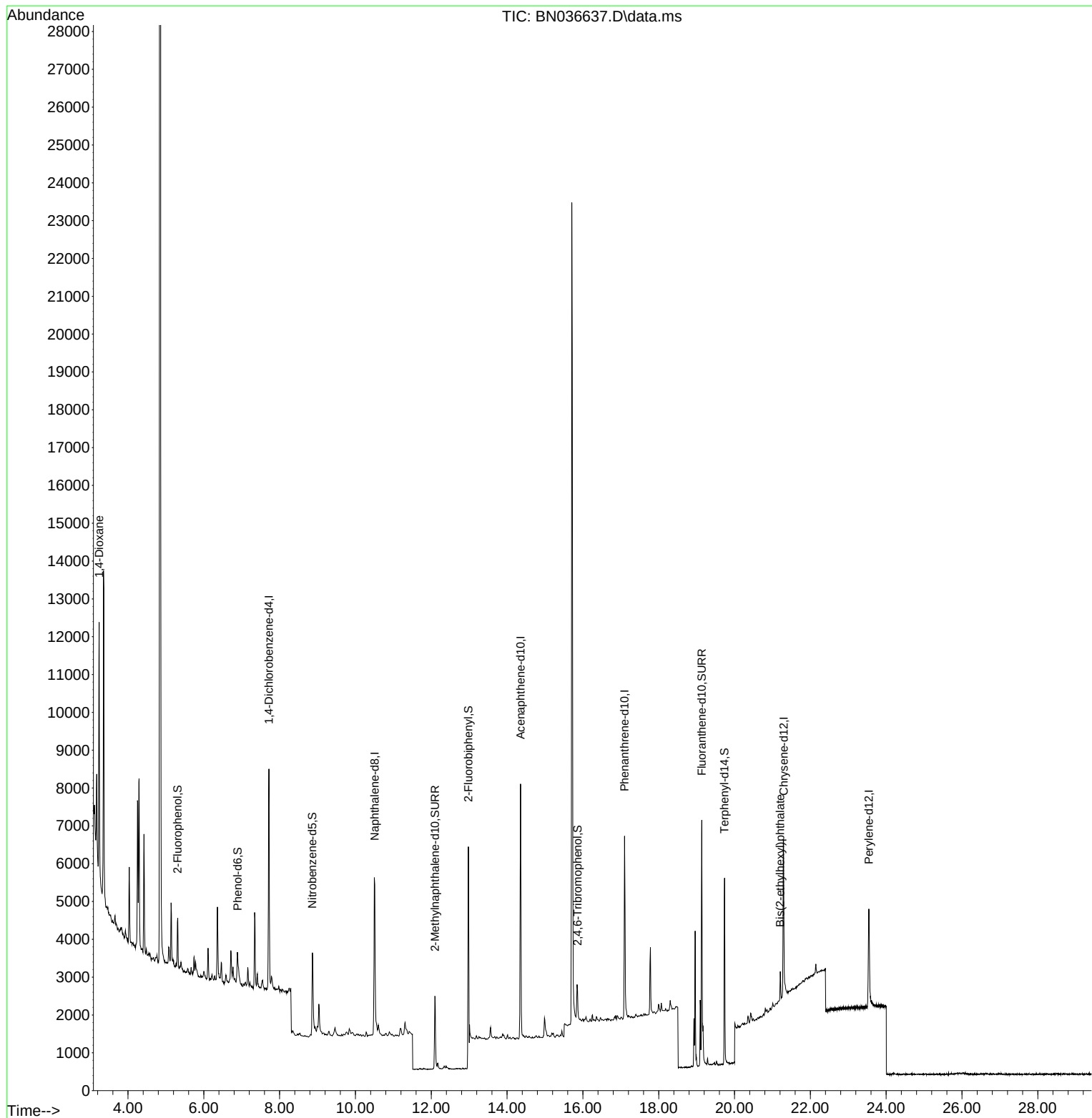
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2719	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	6392	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	3592	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6912	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	4784	0.400	ng	0.00
35) Perylene-d12	23.543	264	4070	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	935	0.148	ng	0.00
5) Phenol-d6	6.894	99	639	0.082	ng	0.00
8) Nitrobenzene-d5	8.864	82	2205	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	3077	0.324	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	570	0.350	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	8042	0.385	ng	-0.01
27) Fluoranthene-d10	19.136	212	7458	0.421	ng	0.00
31) Terphenyl-d14	19.736	244	4917	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	3344	1.109	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.205	149	803	0.068	ng	# 94

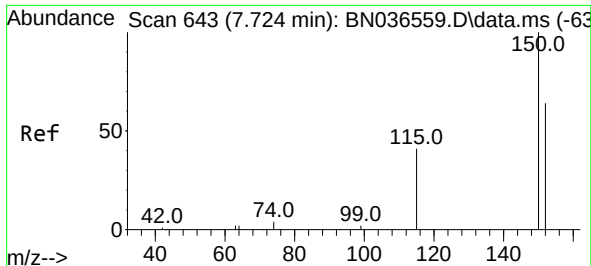
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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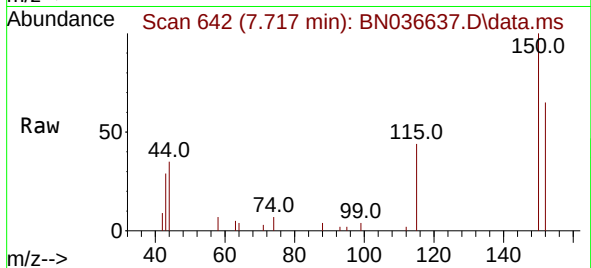
Quant Time: Mar 17 00:35:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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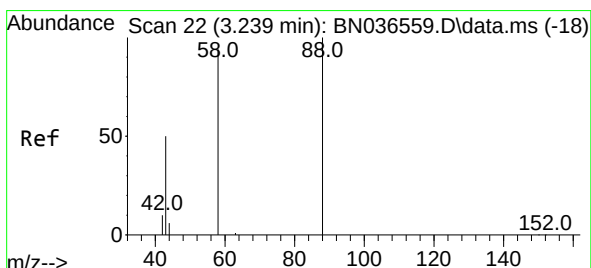
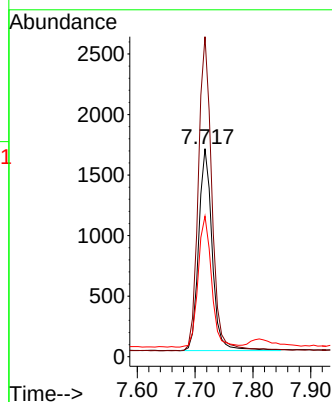
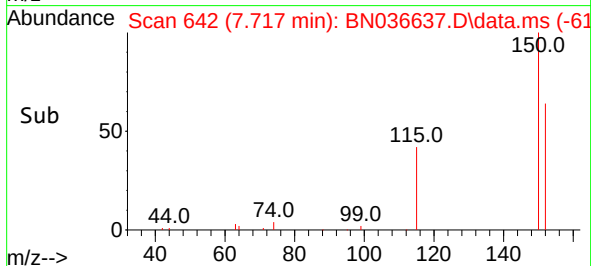


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036637.D
 Acq: 15 Mar 2025 10:59

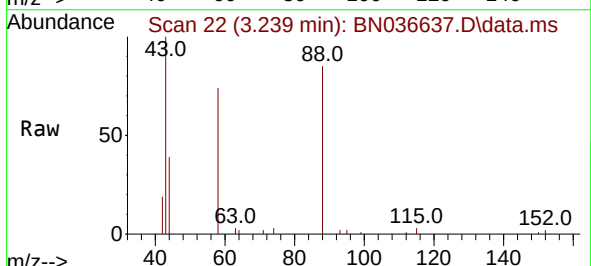
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250310



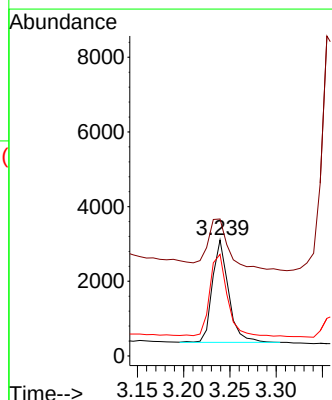
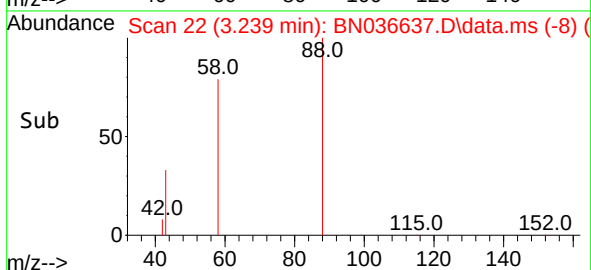
Tgt Ion:152 Resp: 2719
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 67.5 54.3 81.5

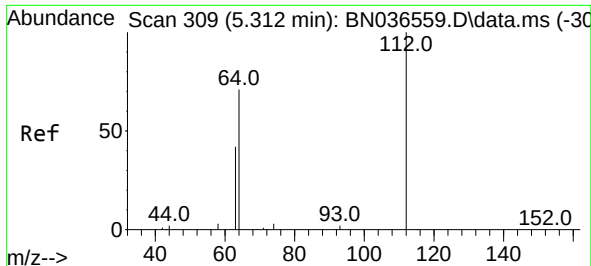


#2
 1,4-Dioxane
 Concen: 1.109 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036637.D
 Acq: 15 Mar 2025 10:59



Tgt Ion: 88 Resp: 3344
 Ion Ratio Lower Upper
 88 100
 43 64.5 37.8 56.8#
 58 86.0 67.4 101.2

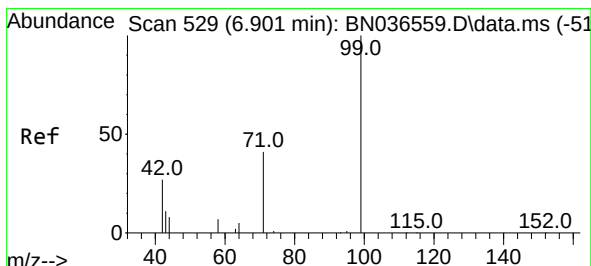
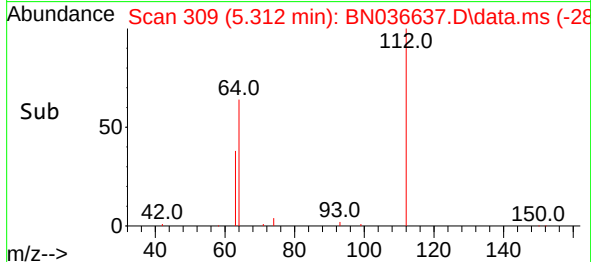
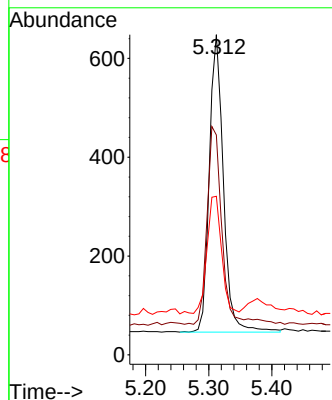
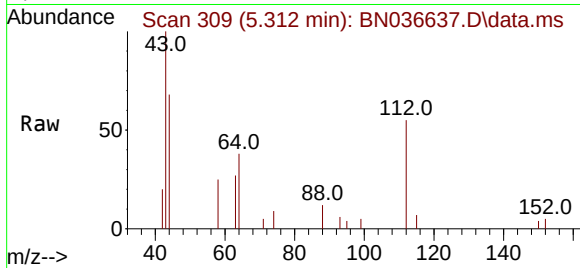




#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

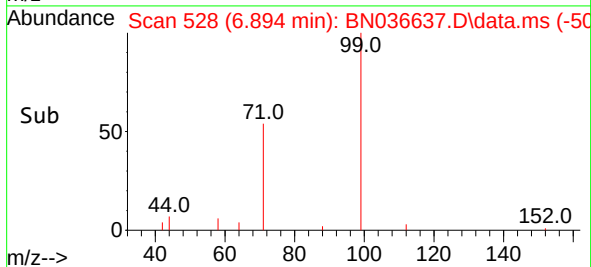
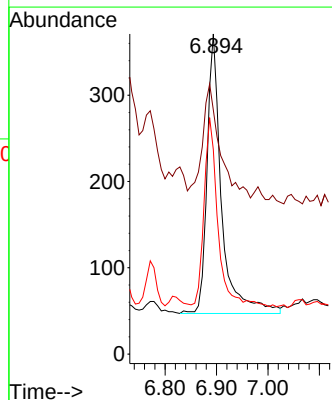
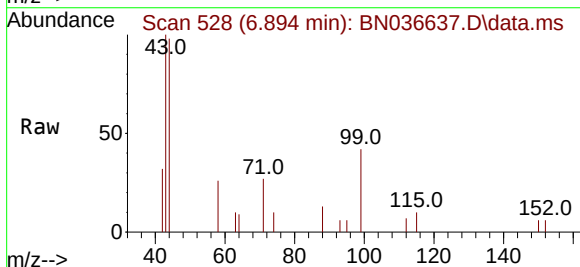
Instrument :
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DUP02-20250310

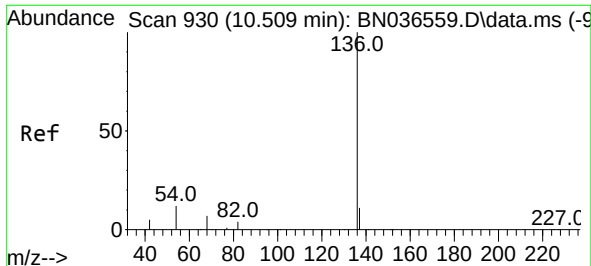
Tgt Ion:112 Resp: 935
Ion Ratio Lower Upper
112 100
64 69.9 53.1 79.7
63 39.8 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion: 99 Resp: 639
Ion Ratio Lower Upper
99 100
42 48.7 26.5 39.7#
71 64.2 34.1 51.1#

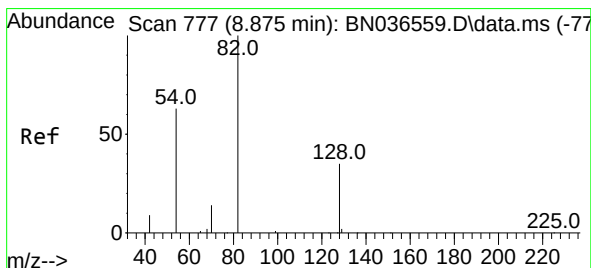
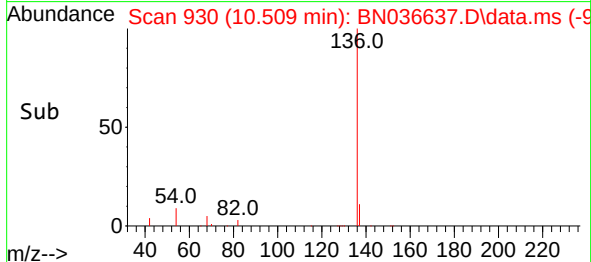
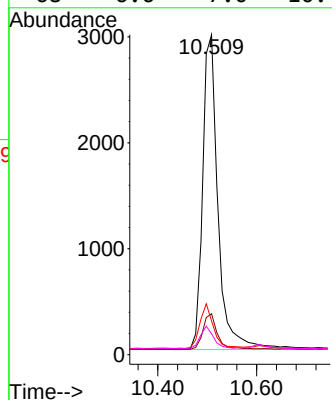
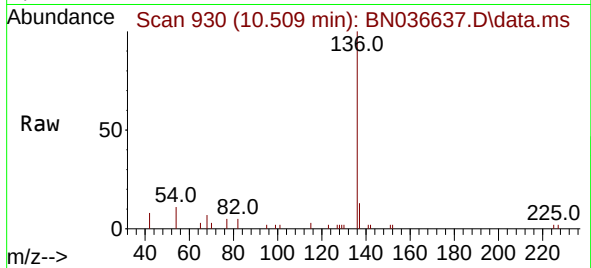




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

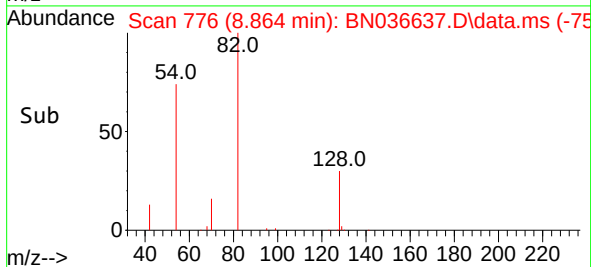
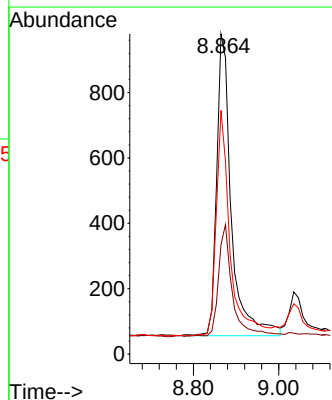
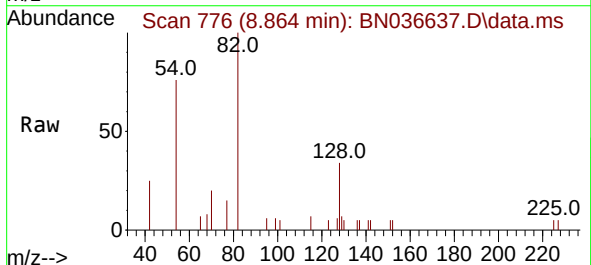
Instrument :
BNA_N
ClientSampleId :
DUP02-20250310

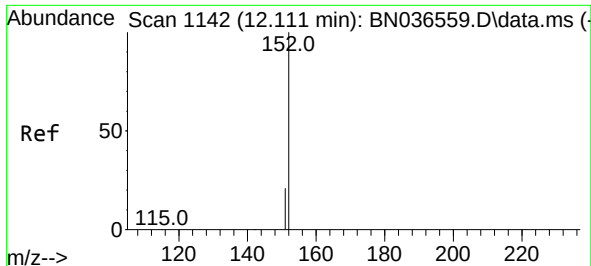
Tgt Ion:136	Resp:	6392
Ion Ratio	Lower	Upper
136	100	
137	12.8	10.3 15.5
54	10.5	11.5 17.3#
68	6.6	7.0 10.4#



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion: 82	Resp:	2205
Ion Ratio	Lower	Upper
82	100	
128	34.2	30.6 45.8
54	76.1	52.2 78.4

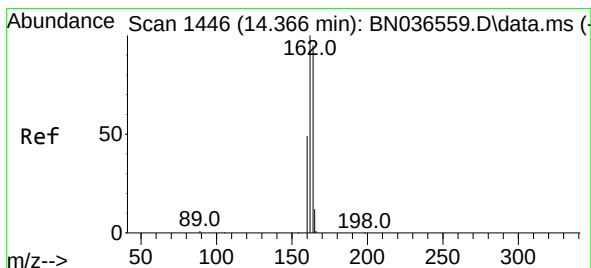
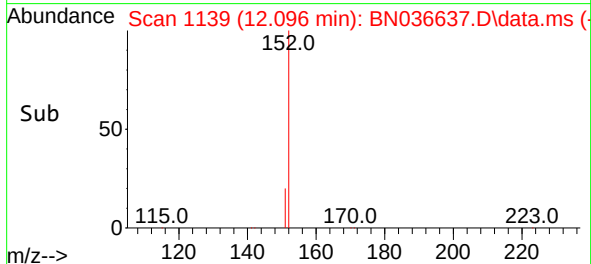
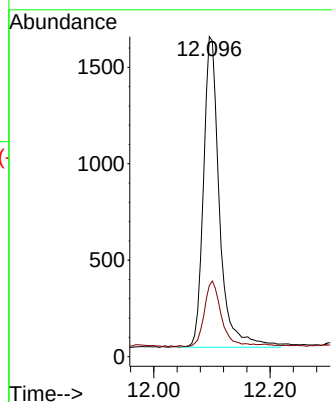
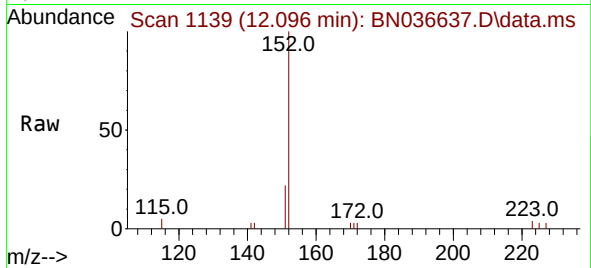




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

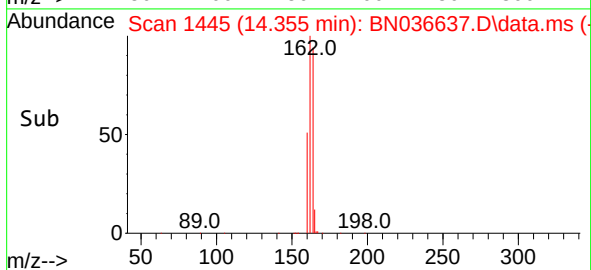
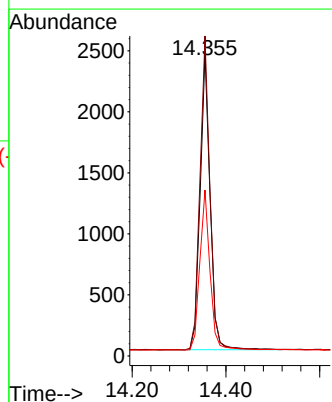
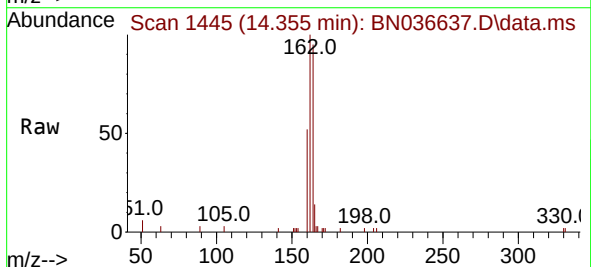
Instrument :
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ClientSampleId :
DUP02-20250310

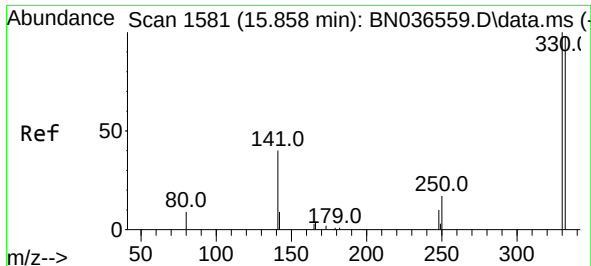
Tgt Ion:152 Resp: 3077
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion:164 Resp: 3592
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 54.8 42.2 63.2

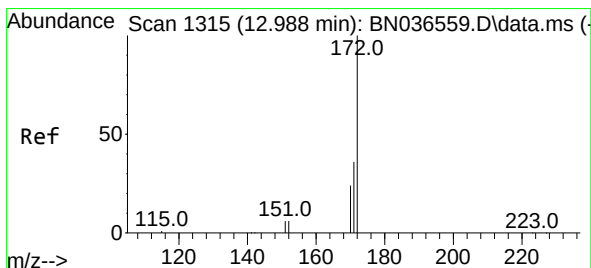
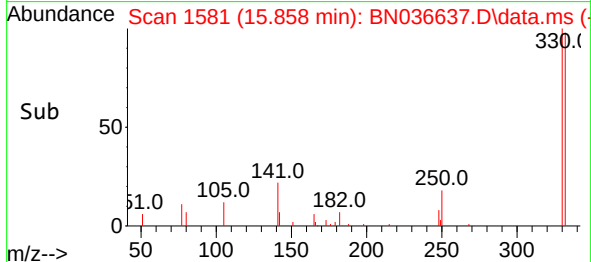
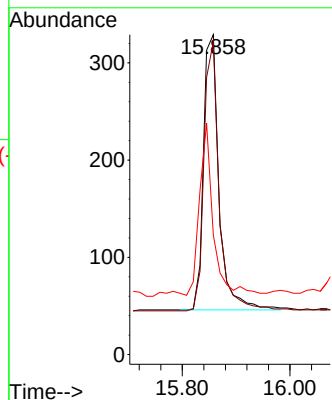
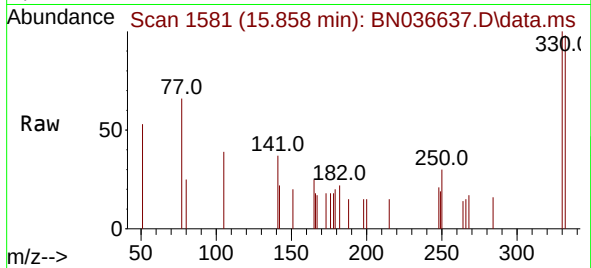




#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

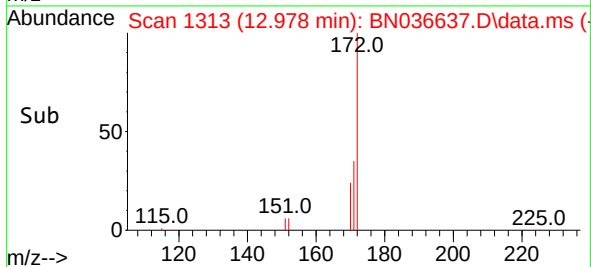
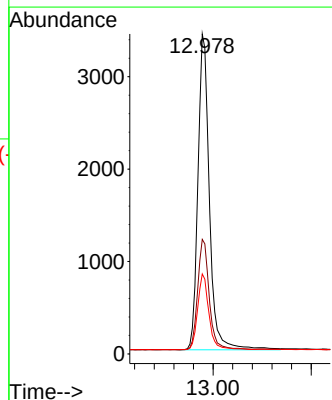
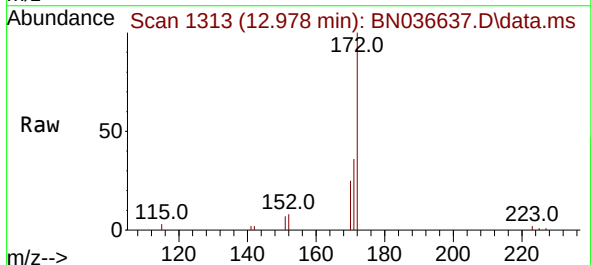
Instrument :
BNA_N
ClientSampleId :
DUP02-20250310

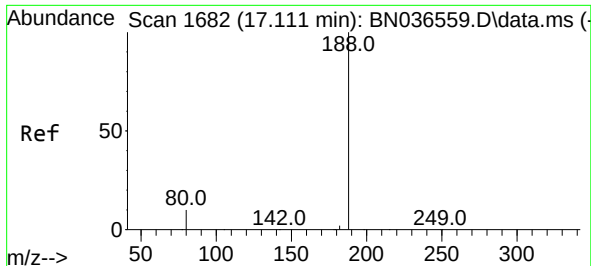
Tgt Ion:330 Resp: 570
Ion Ratio Lower Upper
330 100
332 95.1 75.2 112.8
141 52.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion:172 Resp: 8042
Ion Ratio Lower Upper
172 100
171 35.8 29.5 44.3
170 25.0 20.2 30.4

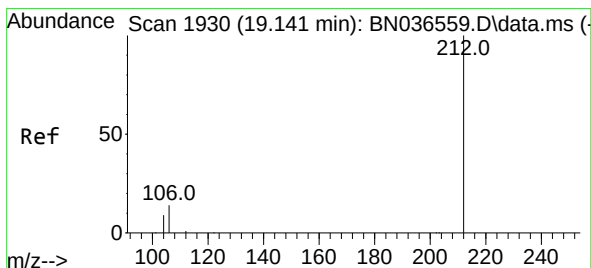
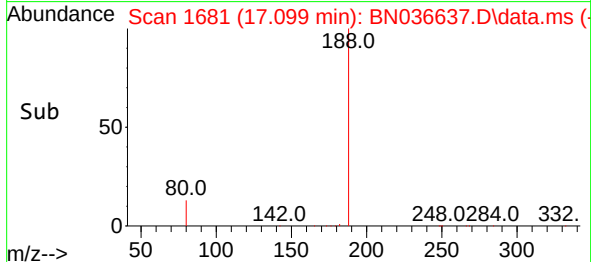
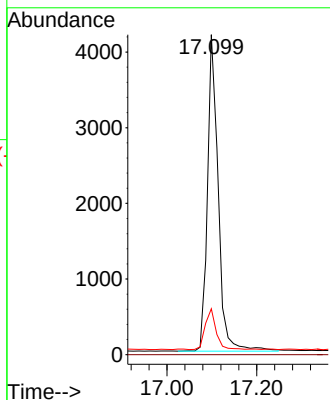
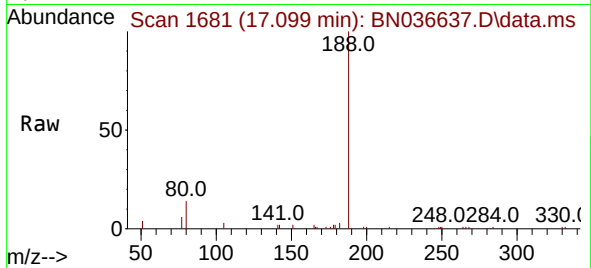




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

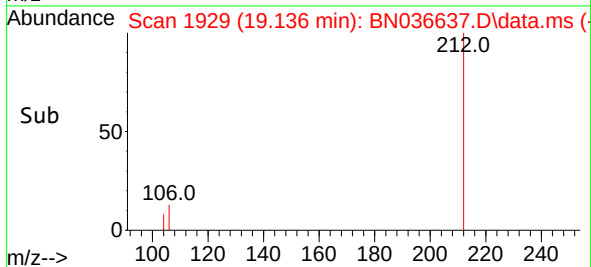
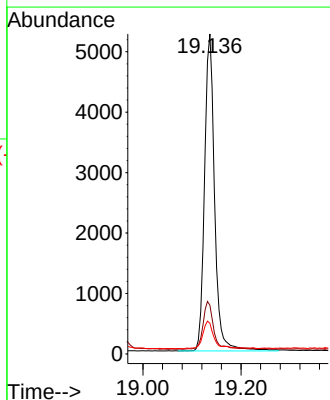
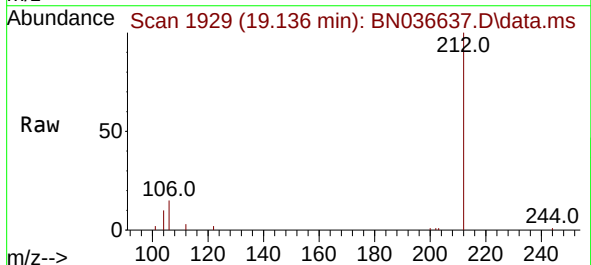
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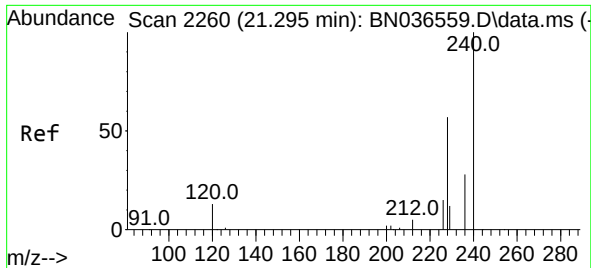
Tgt Ion:188 Resp: 6912
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion:212 Resp: 7458
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.7 7.3 10.9

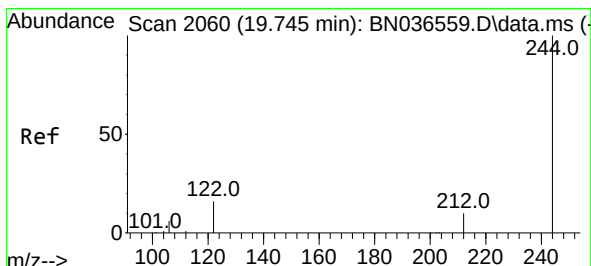
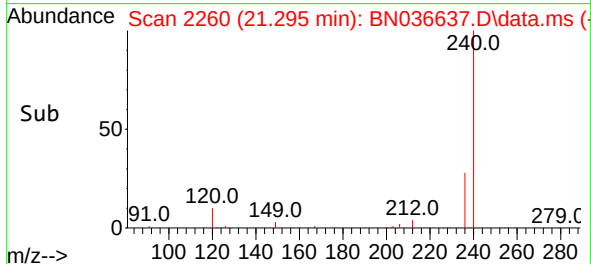
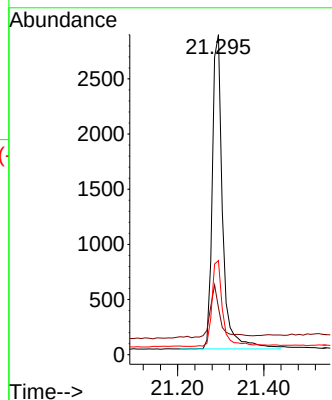
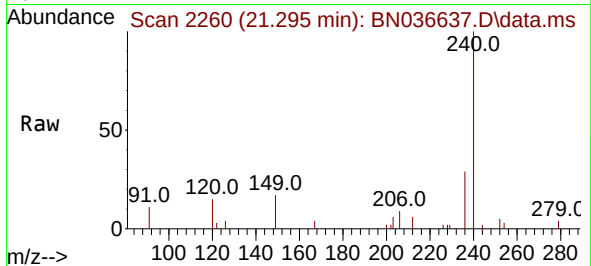




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

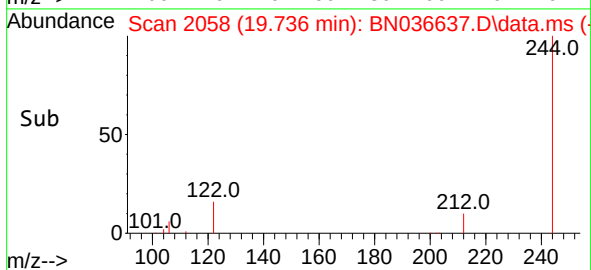
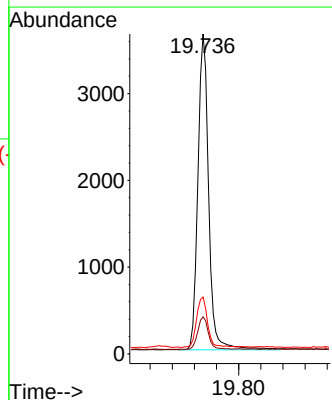
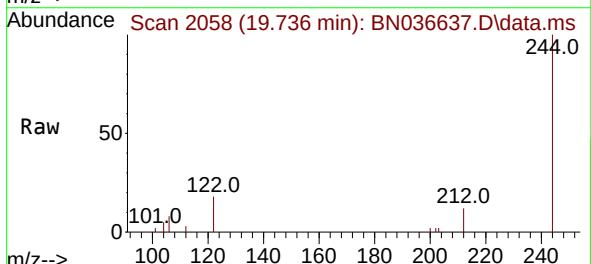
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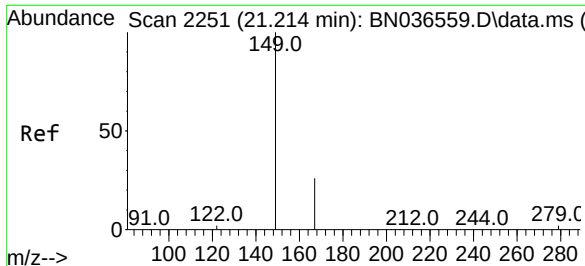
Tgt Ion:240 Resp: 4784
Ion Ratio Lower Upper
240 100
120 14.7 14.6 22.0
236 29.4 24.1 36.1



#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion:244 Resp: 4917
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 17.8 13.9 20.9

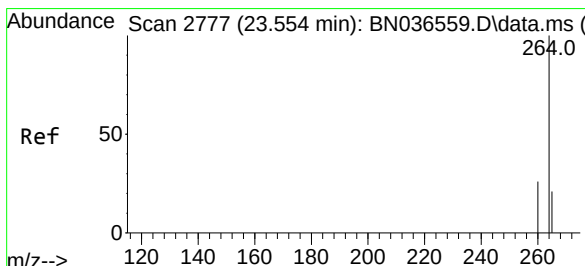
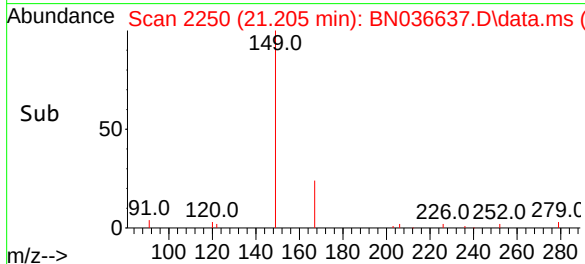
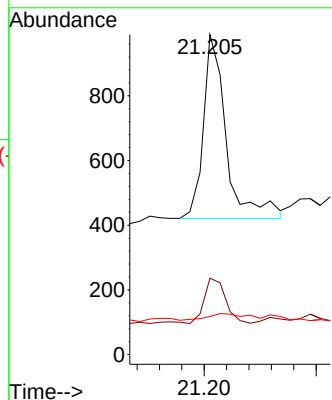
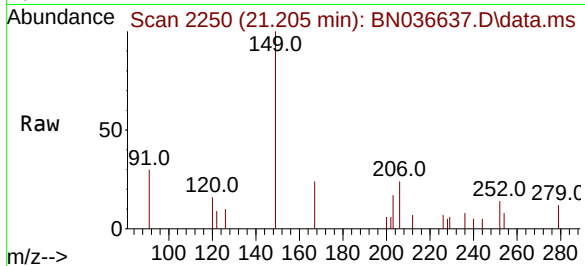




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.205 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Instrument :
BNA_N
ClientSampleId :
DUP02-20250310

Tgt Ion:149 Resp: 803
Ion Ratio Lower Upper
149 100
167 22.9 20.7 31.1
279 6.4 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 2773
Delta R.T. -0.012 min
Lab File: BN036637.D
Acq: 15 Mar 2025 10:59

Tgt Ion:264 Resp: 4070
Ion Ratio Lower Upper
264 100
260 27.5 22.6 33.8
265 88.7 88.1 132.1

