

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036629.D
 Acq On : 15 Mar 2025 04:53
 Operator : RC/JU
 Sample : Q1559-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250310

Quant Time: Mar 15 05:19:05 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)

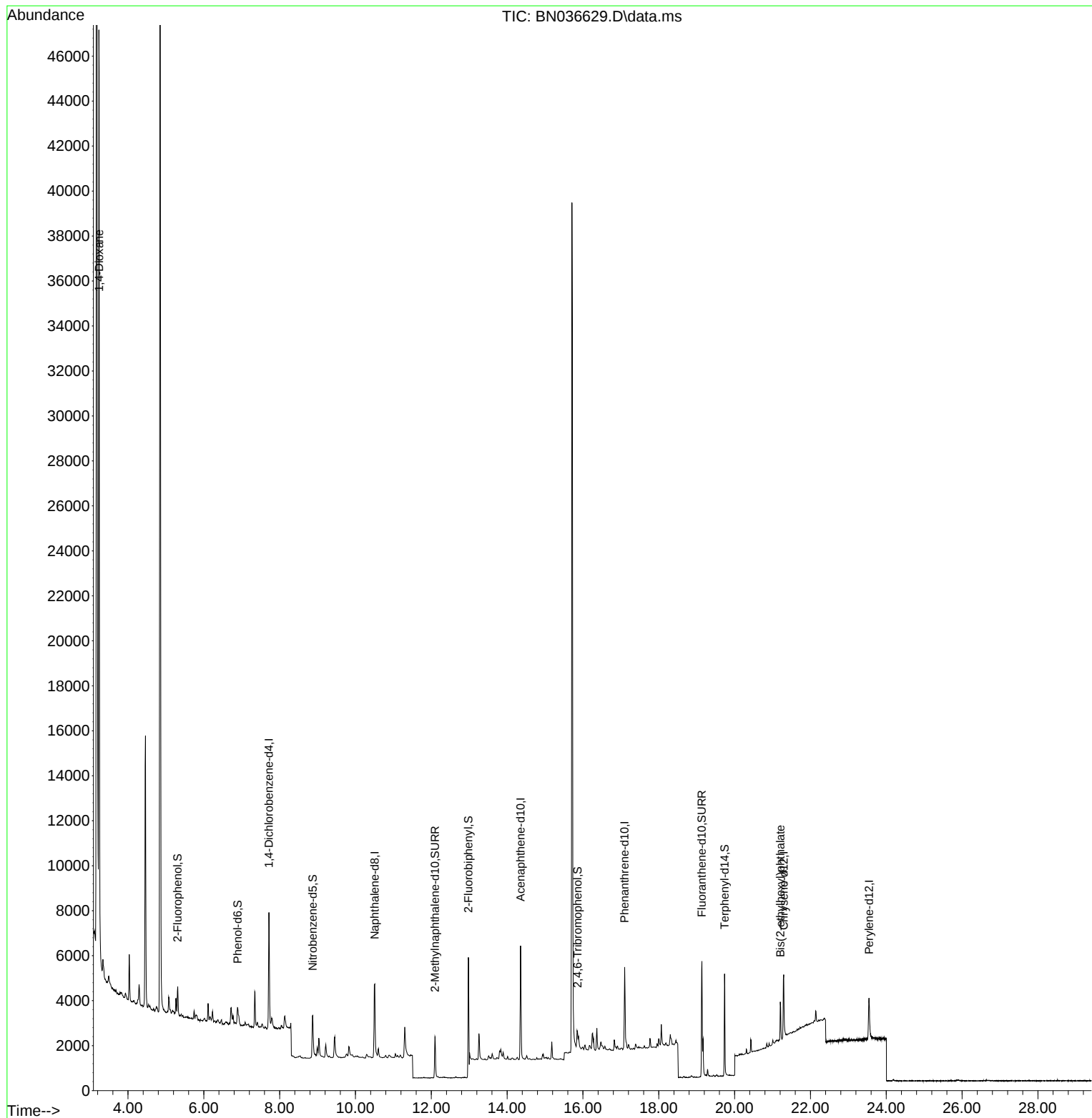
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2170	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4970	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2753	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5055	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3383	0.400	ng	0.00
35) Perylene-d12	23.546	264	2973	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	898	0.178	ng	0.00
5) Phenol-d6	6.894	99	626	0.100	ng	0.00
8) Nitrobenzene-d5	8.875	82	1962	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2816	0.381	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	506	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	7099	0.443	ng	-0.01
27) Fluoranthene-d10	19.136	212	6006	0.464	ng	0.00
31) Terphenyl-d14	19.736	244	4352	0.537	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	20745	8.618	ng	98
34) Bis(2-ethylhexyl)phtha...	21.205	149	1939	0.231	ng	# 92

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

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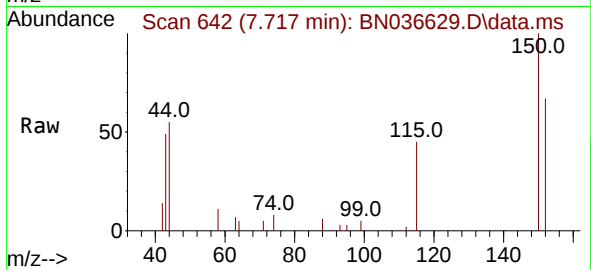
Quant Time: Mar 15 05:19:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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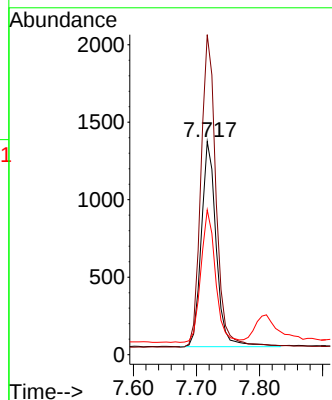
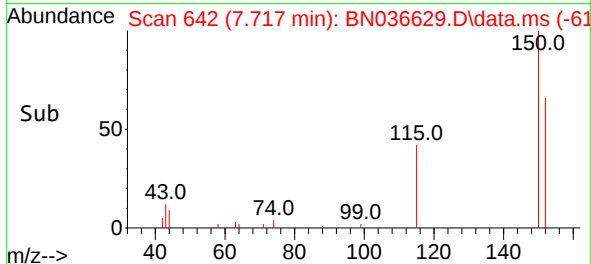


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036629.D
 Acq: 15 Mar 2025 04:53

Instrument :
 BNA_N
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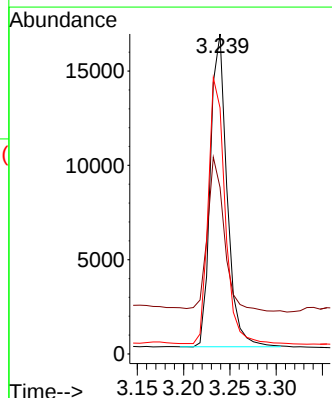
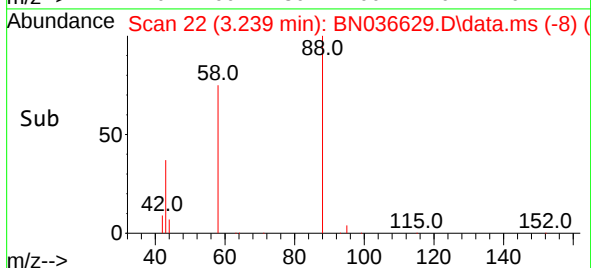
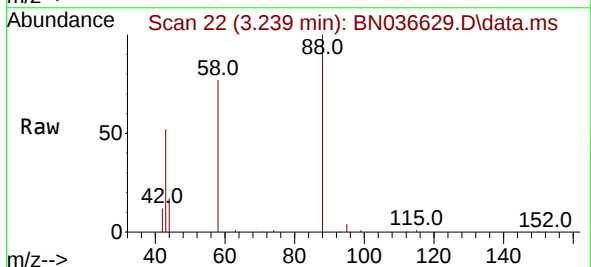


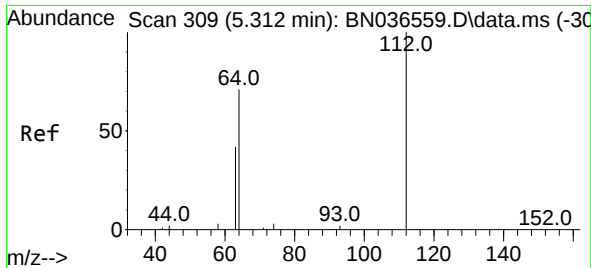
Tgt Ion:152 Resp: 2170
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.7 185.5
 115 67.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 8.618 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036629.D
 Acq: 15 Mar 2025 04:53

Tgt Ion: 88 Resp: 20745
 Ion Ratio Lower Upper
 88 100
 43 49.4 37.8 56.8
 58 85.6 67.4 101.2

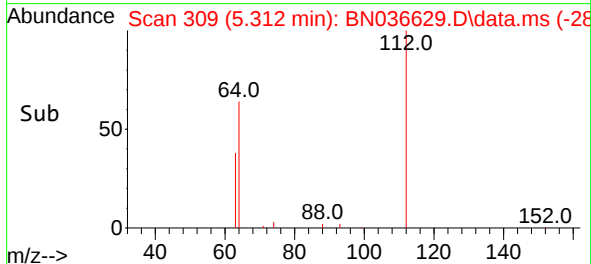
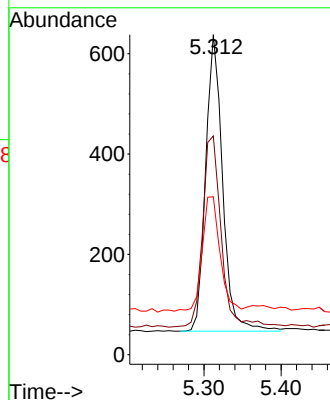
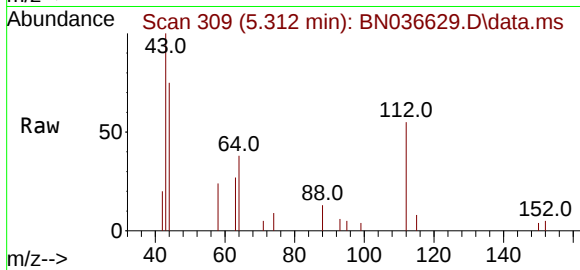




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

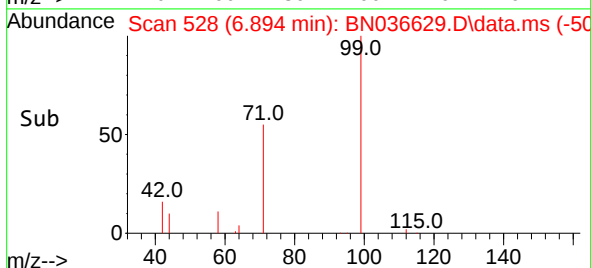
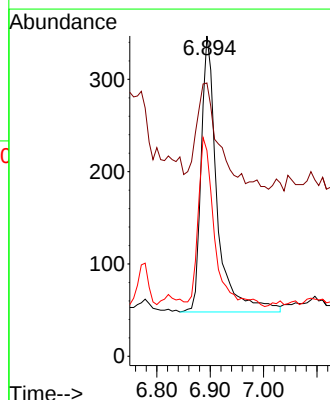
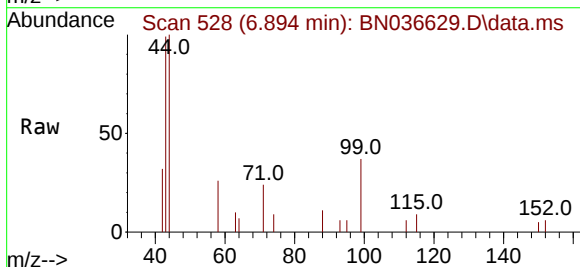
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310

Tgt Ion:	112	Resp:	898
Ion Ratio	Lower	Upper	
112	100		
64	70.8	53.1	79.7
63	42.7	31.8	47.8



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:	99	Resp:	626
Ion Ratio	Lower	Upper	
99	100		
42	44.2	26.5	39.7#
71	62.0	34.1	51.1#

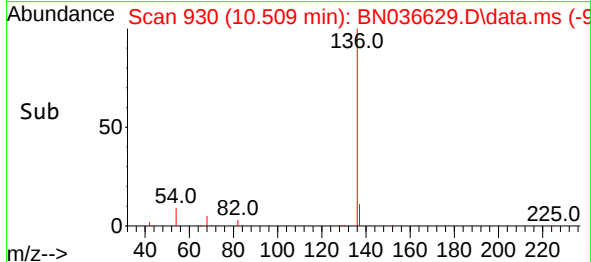
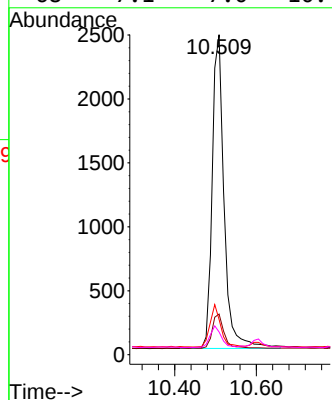
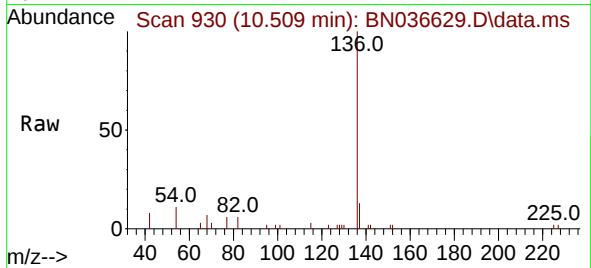




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

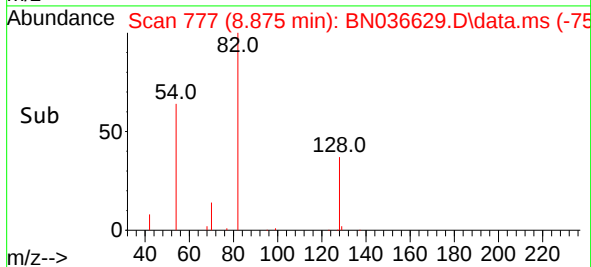
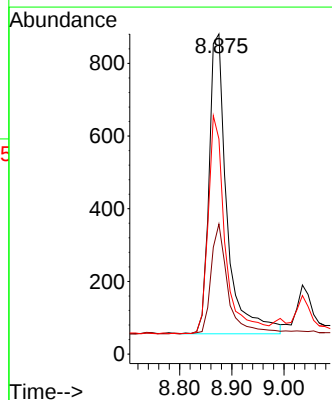
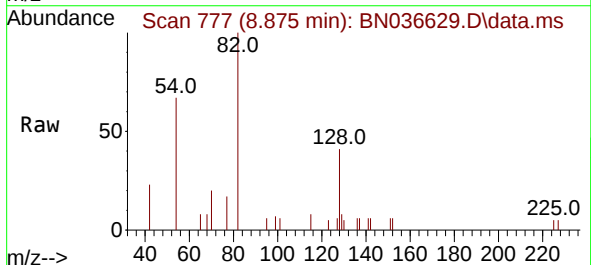
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310

Tgt Ion:	136	Resp:	4970
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	11.0	11.5	17.3#
68	7.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:	82	Resp:	1962
Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.6	45.8
54	67.2	52.2	78.4

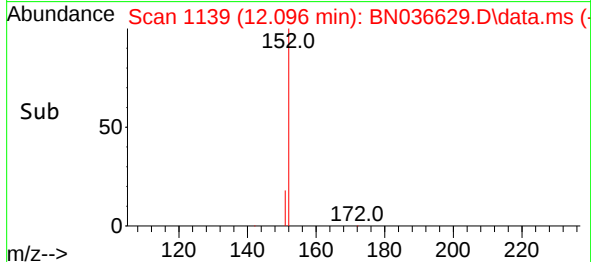
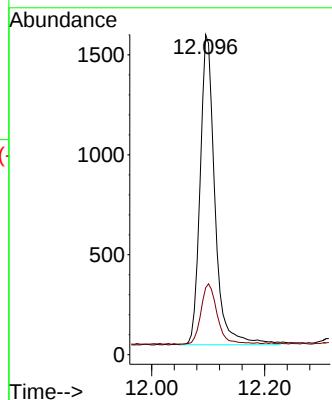
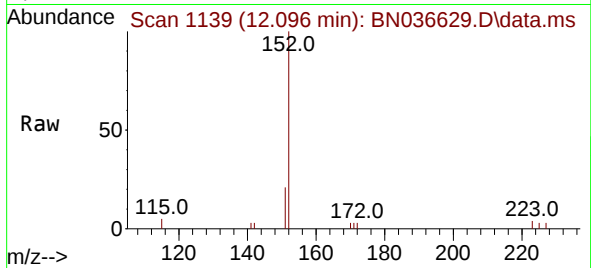




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

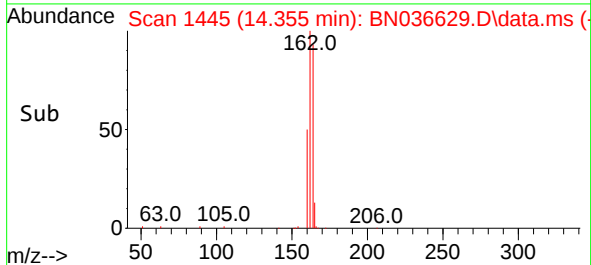
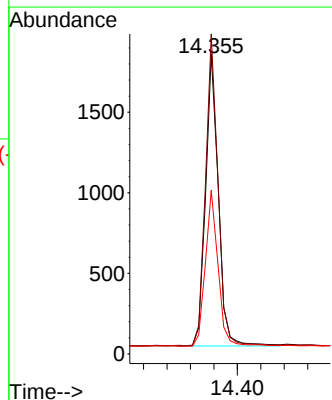
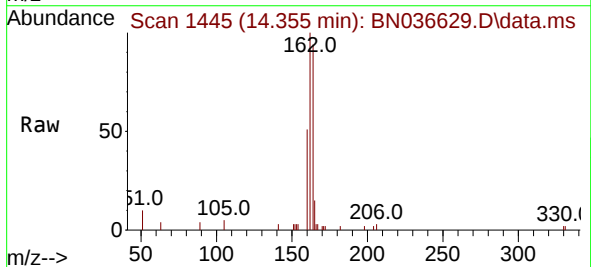
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310

Tgt Ion:152 Resp: 2816
Ion Ratio Lower Upper
152 100
151 21.7 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: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:164 Resp: 2753
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.2
160 54.5 42.2 63.2

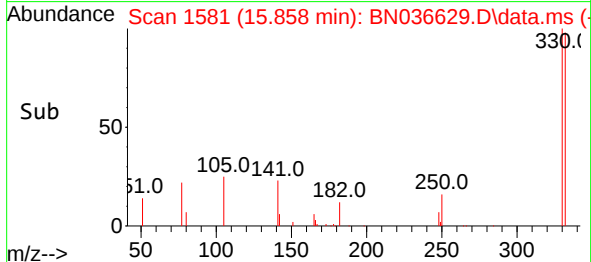
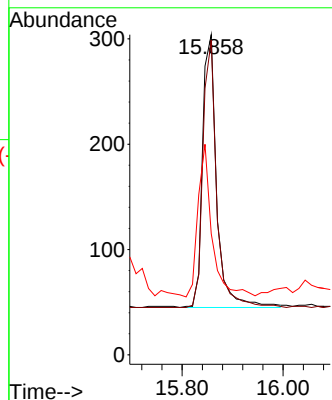
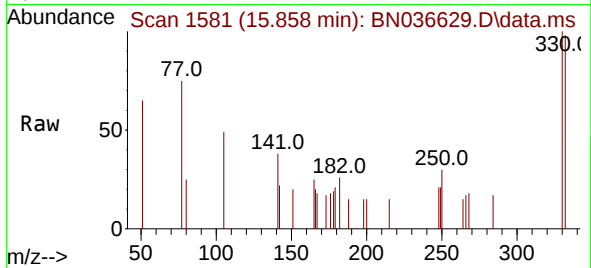




#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

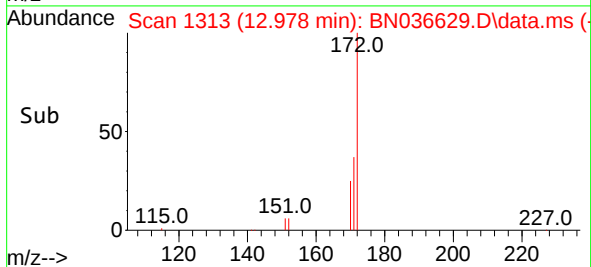
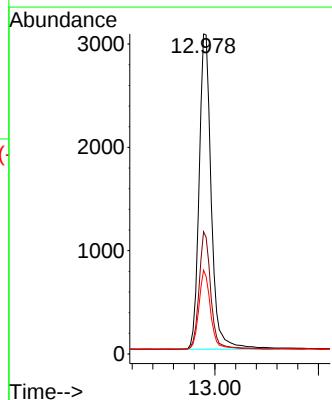
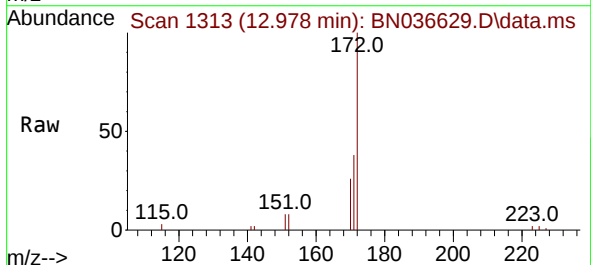
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310

Tgt Ion:330 Resp: 506
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 55.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:172 Resp: 7099
Ion Ratio Lower Upper
172 100
171 38.2 29.5 44.3
170 26.2 20.2 30.4

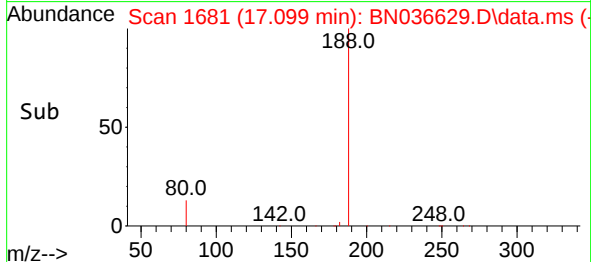
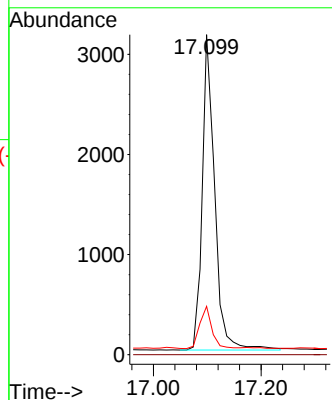
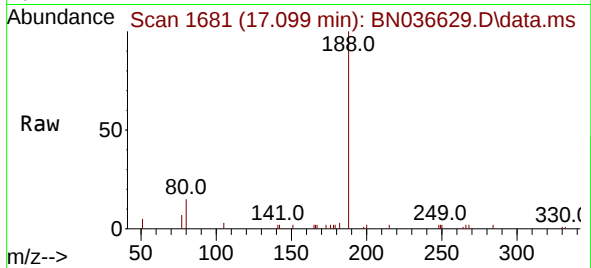




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

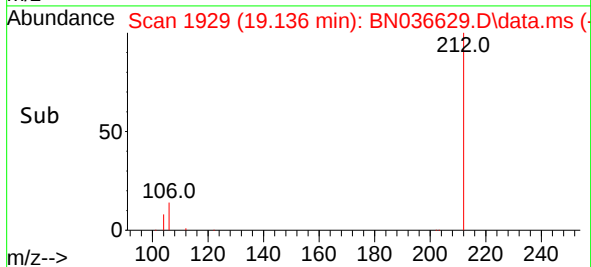
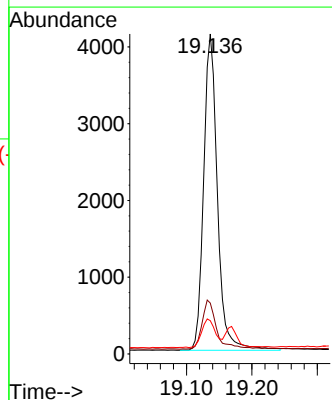
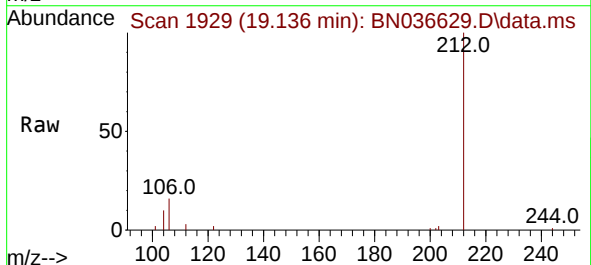
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250310

Tgt Ion:188 Resp: 5055
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:212 Resp: 6006
Ion Ratio Lower Upper
212 100
106 16.6 11.8 17.6
104 9.2 7.3 10.9

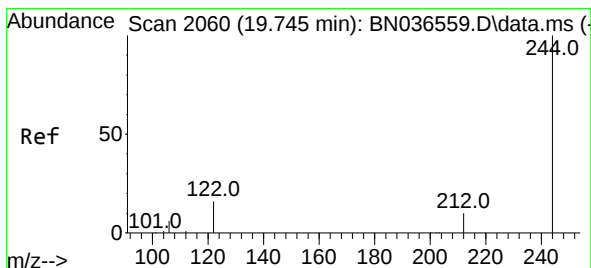
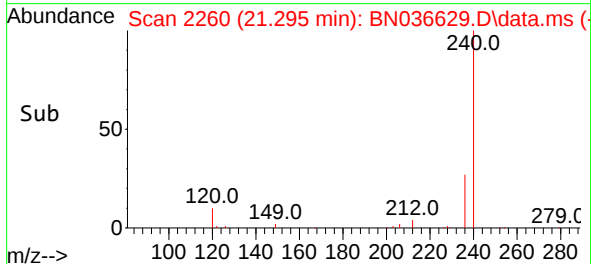
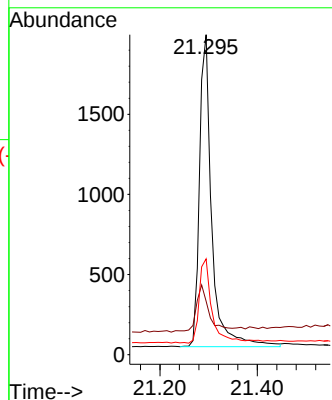
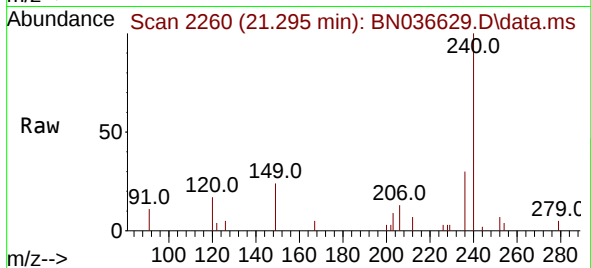




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

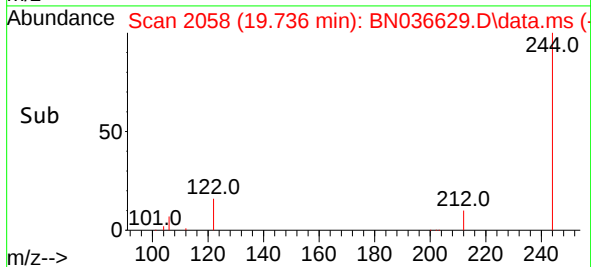
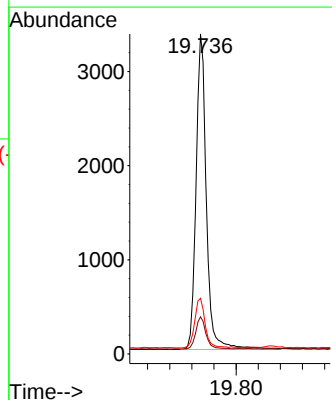
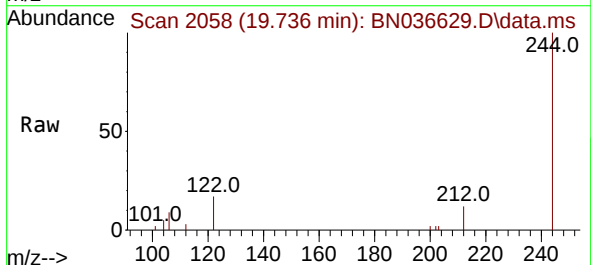
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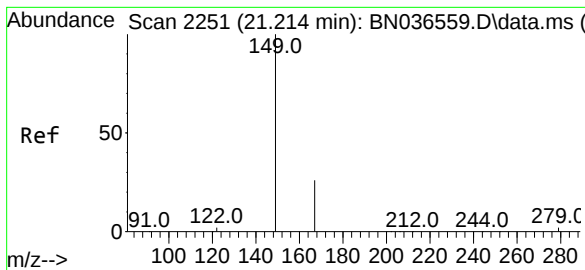
Tgt Ion:240 Resp: 3383
Ion Ratio Lower Upper
240 100
120 16.7 14.6 22.0
236 29.9 24.1 36.1



#31
Terphenyl-d14
Concen: 0.537 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036629.D
Acq: 15 Mar 2025 04:53

Tgt Ion:244 Resp: 4352
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 17.4 13.9 20.9

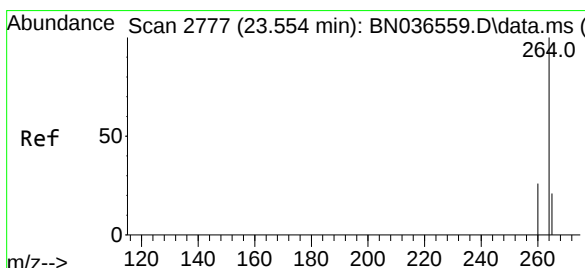
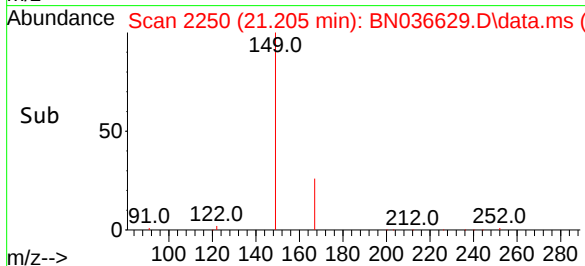
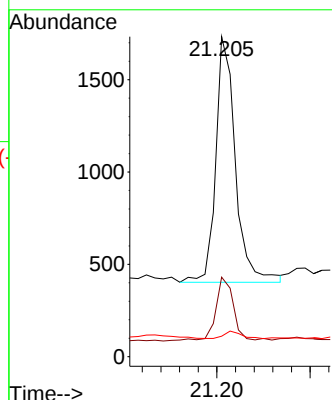
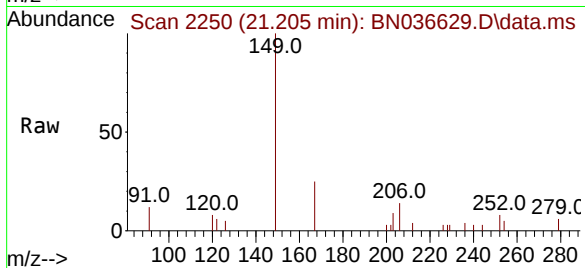




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.231 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036629.D
 Acq: 15 Mar 2025 04:53

Instrument :
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Tgt Ion:149 Resp: 1939
 Ion Ratio Lower Upper
 149 100
 167 21.9 20.7 31.1
 279 2.6 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: BN036629.D
 Acq: 15 Mar 2025 04:53

Tgt Ion:264 Resp: 2973
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.6 33.8
 265 120.5 88.1 132.1

