

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036659.D
 Acq On : 17 Mar 2025 14:55
 Operator : RC/JU
 Sample : Q1582-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250313

Quant Time: Mar 17 15:36:28 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)

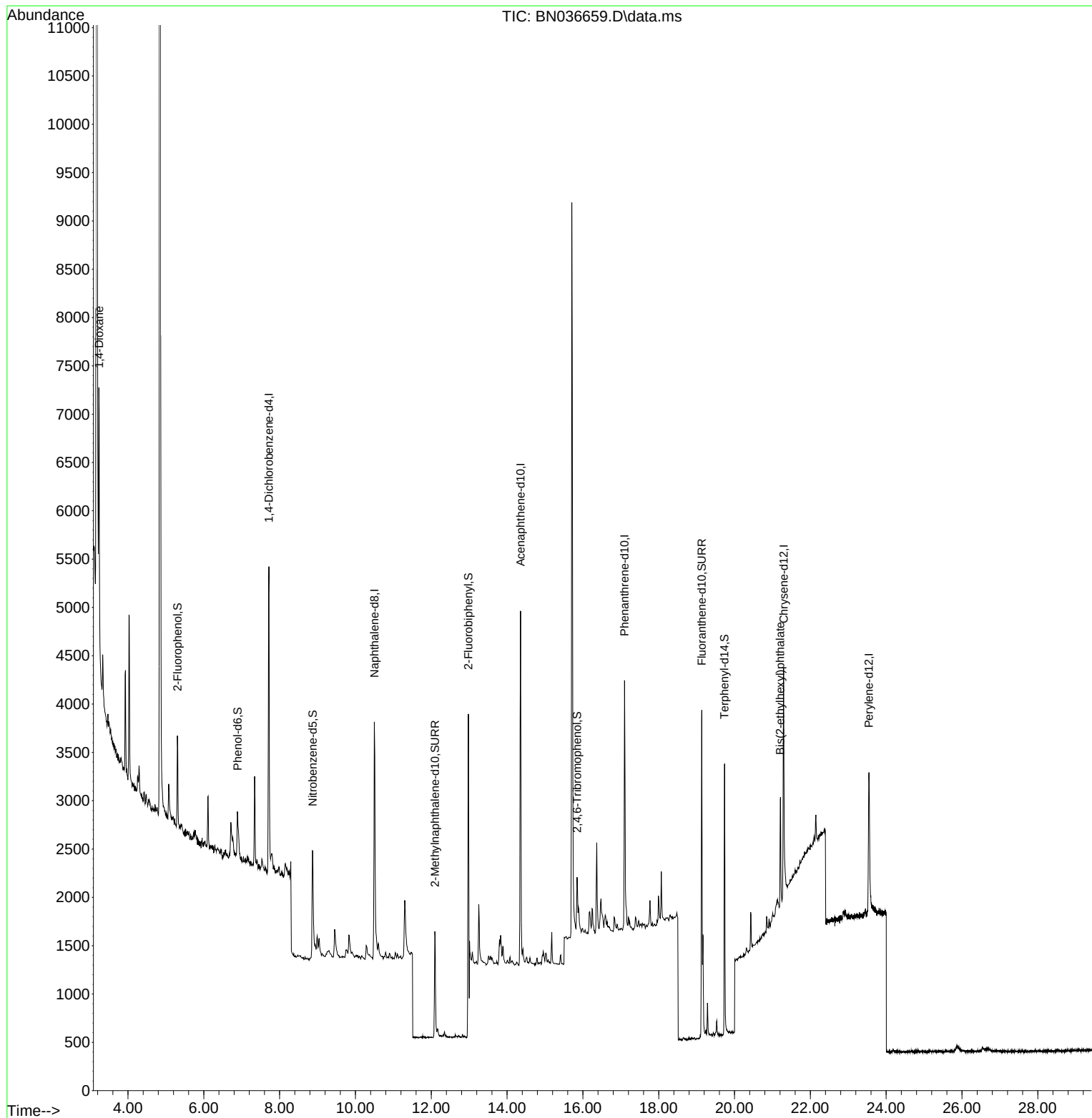
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1599	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	3736	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2090	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3762	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2674	0.400	ng	0.00
35) Perylene-d12	23.546	264	2457	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	675	0.181	ng	0.00
5) Phenol-d6	6.894	99	433	0.094	ng	0.00
8) Nitrobenzene-d5	8.875	82	1331	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1829	0.329	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	346	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4575	0.376	ng	-0.01
27) Fluoranthene-d10	19.136	212	4103	0.426	ng	0.00
31) Terphenyl-d14	19.736	244	2883	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1315	0.741	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.205	149	1334	0.201	ng	96

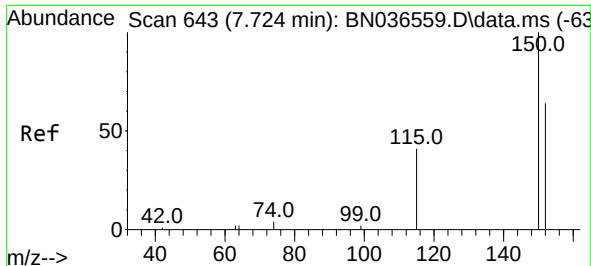
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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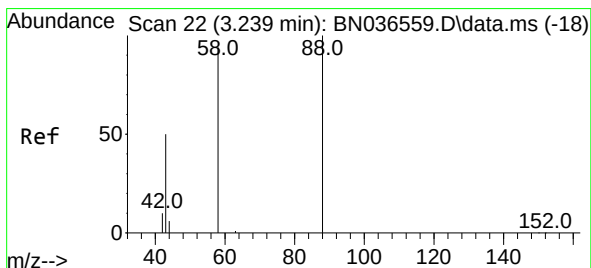
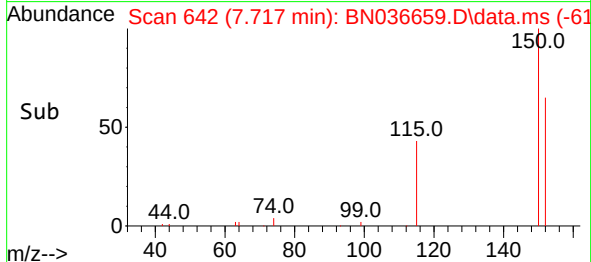
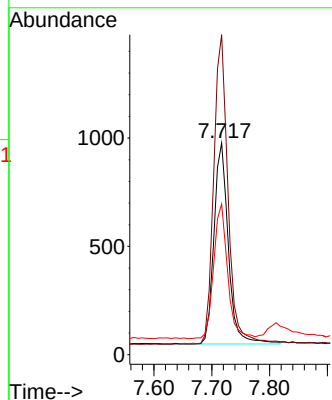
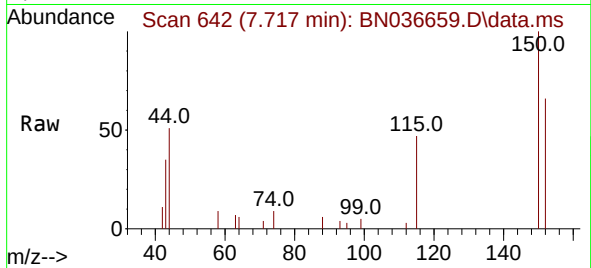




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036659.D
 Acq: 17 Mar 2025 14:55

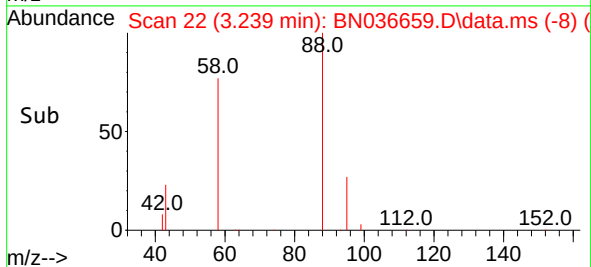
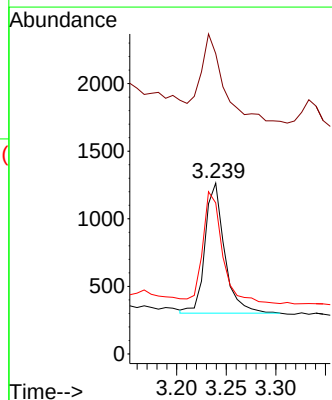
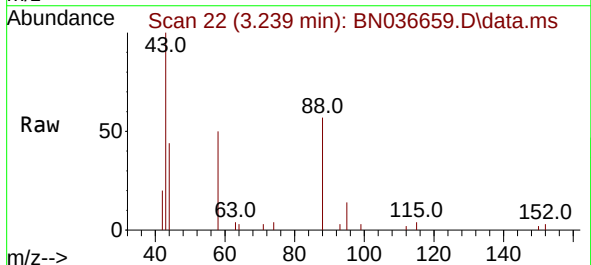
Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250313

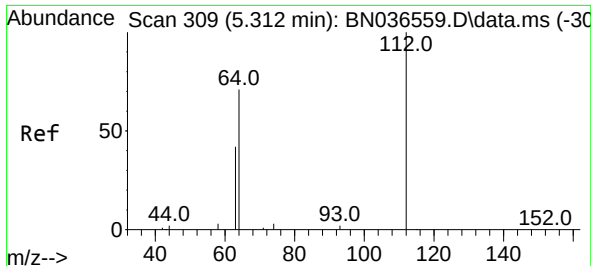
Tgt Ion:152 Resp: 1599
 Ion Ratio Lower Upper
 152 100
 150 151.2 123.7 185.5
 115 71.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.741 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036659.D
 Acq: 17 Mar 2025 14:55

Tgt Ion: 88 Resp: 1315
 Ion Ratio Lower Upper
 88 100
 43 77.6 37.8 56.8#
 58 86.7 67.4 101.2

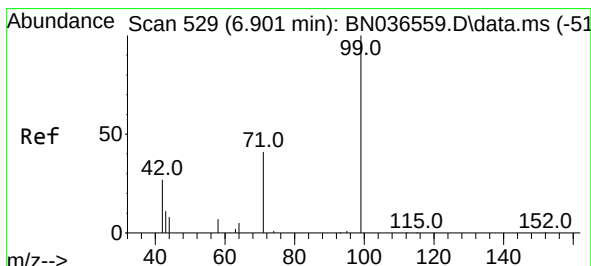
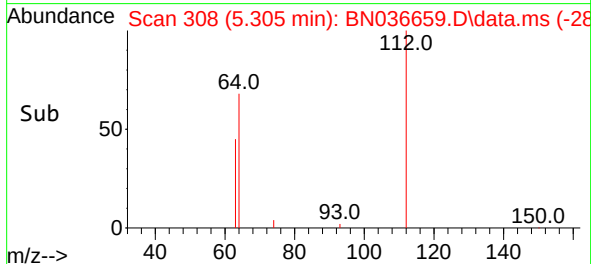
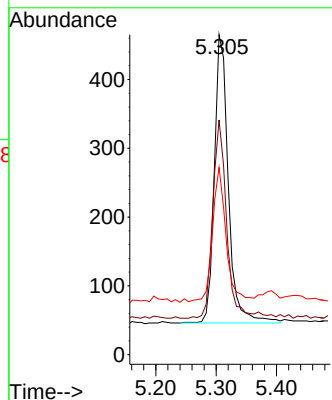
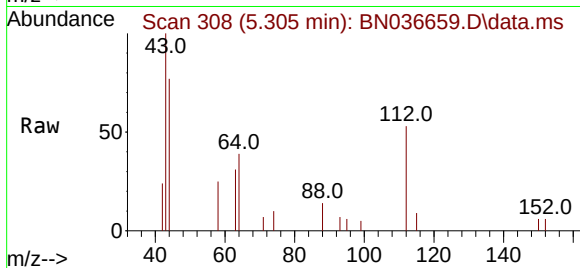




#4
2-Fluorophenol
Concen: 0.181 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

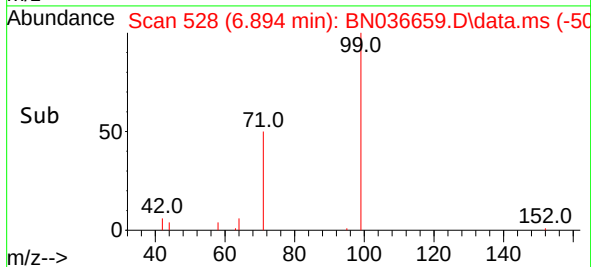
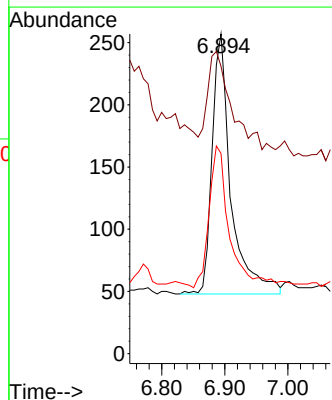
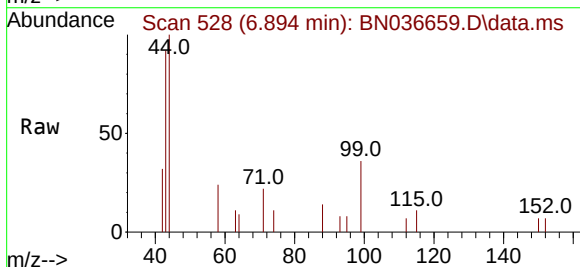
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250313

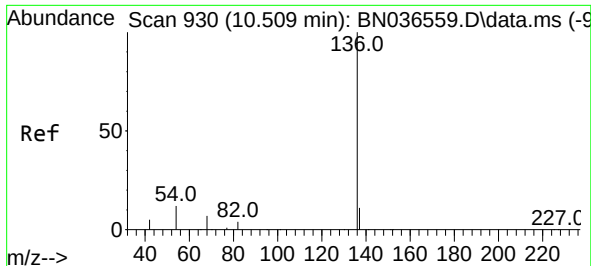
Tgt Ion:112 Resp: 675
Ion Ratio Lower Upper
112 100
64 68.9 53.1 79.7
63 45.2 31.8 47.8



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

Tgt Ion: 99 Resp: 433
Ion Ratio Lower Upper
99 100
42 49.4 26.5 39.7#
71 60.7 34.1 51.1#

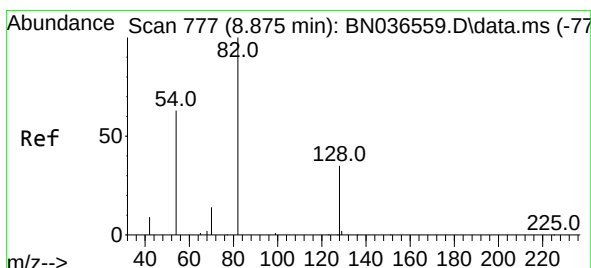
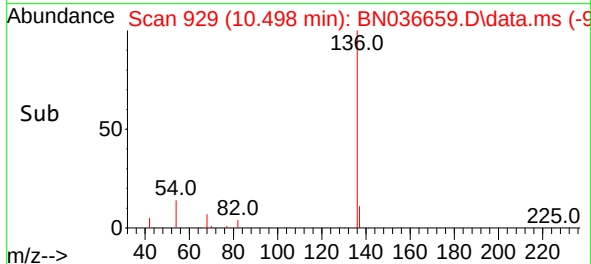
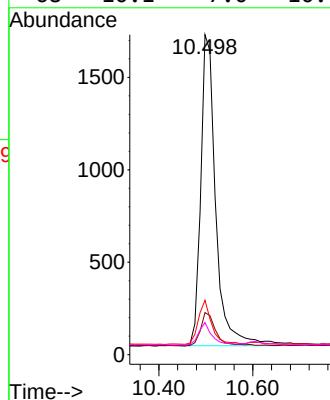
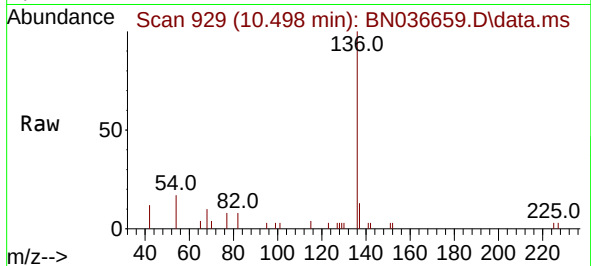




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

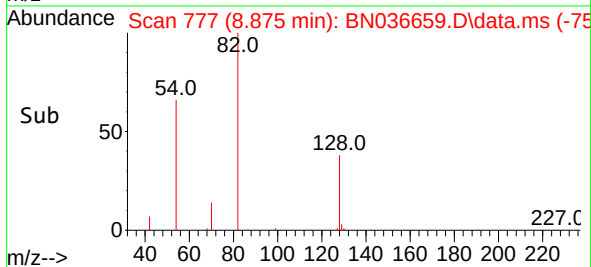
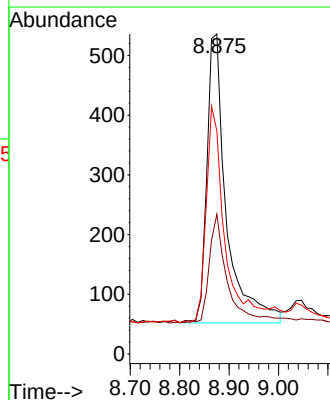
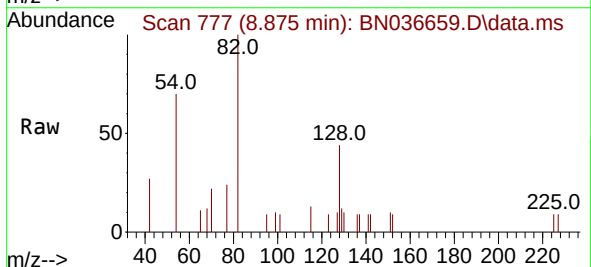
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250313

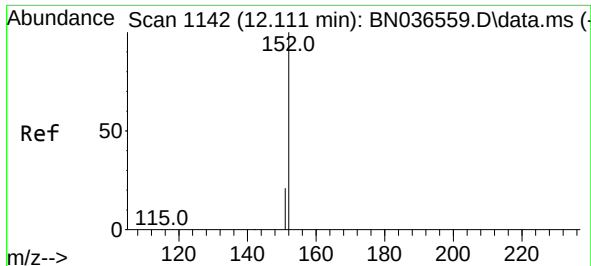
Tgt Ion:	136	Resp:	3736
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.3	15.5
54	17.0	11.5	17.3
68	10.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

Tgt Ion:	82	Resp:	1331
Ion	Ratio	Lower	Upper
82	100		
128	43.7	30.6	45.8
54	69.8	52.2	78.4

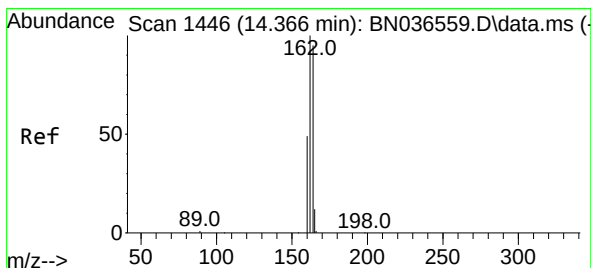
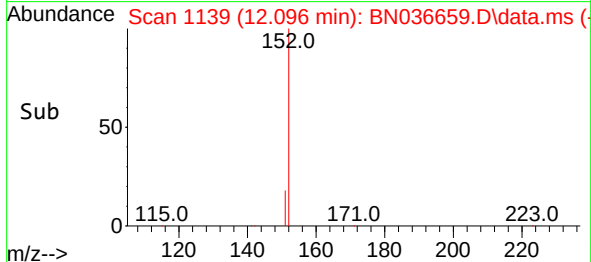
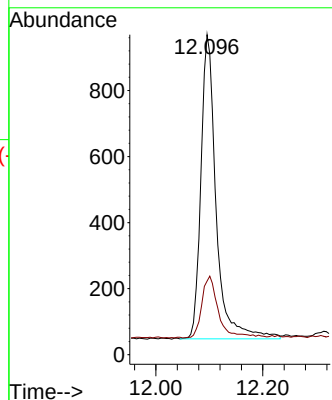
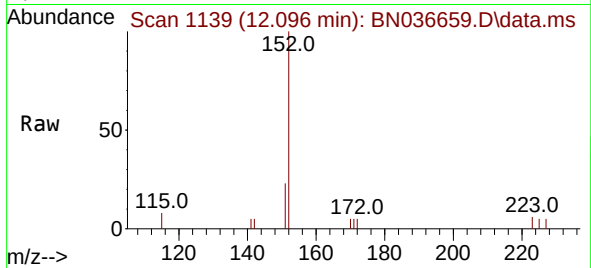




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.096 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

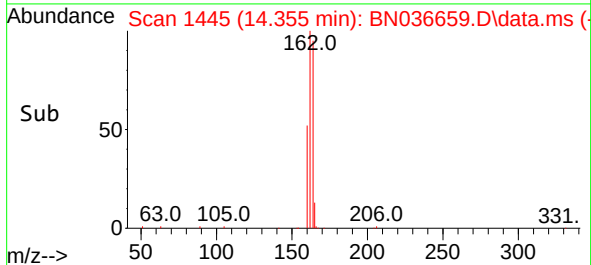
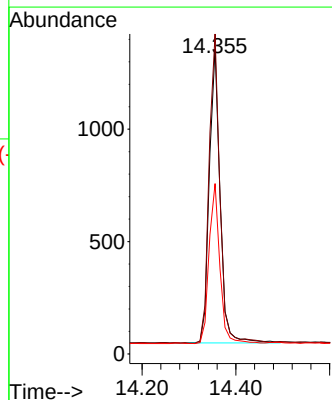
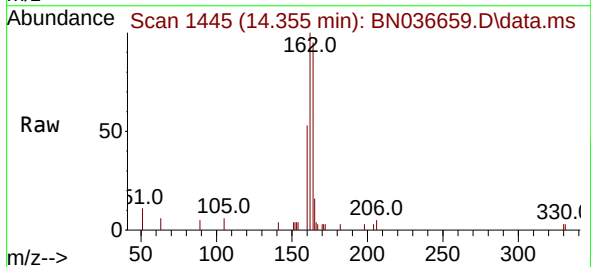
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250313

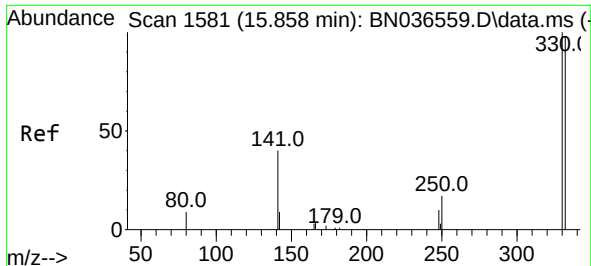
Tgt Ion:152 Resp: 1829
Ion Ratio Lower Upper
152 100
151 22.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

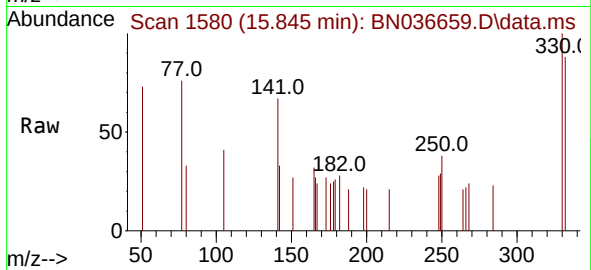
Tgt Ion:164 Resp: 2090
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.2
160 55.8 42.2 63.2



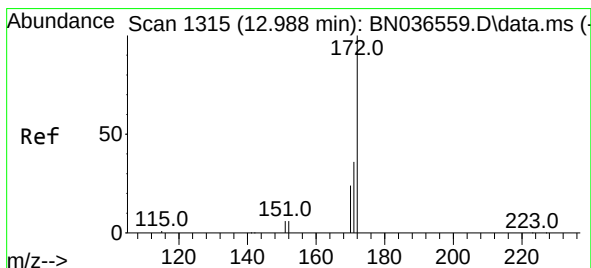
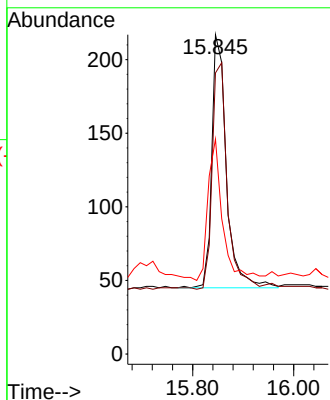
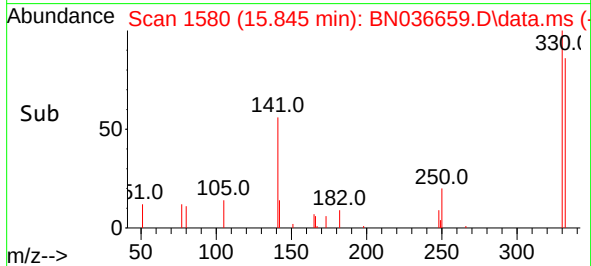


#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.845 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN036659.D
 Acq: 17 Mar 2025 14:55

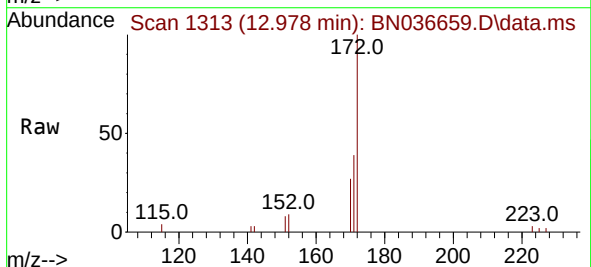
Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250313



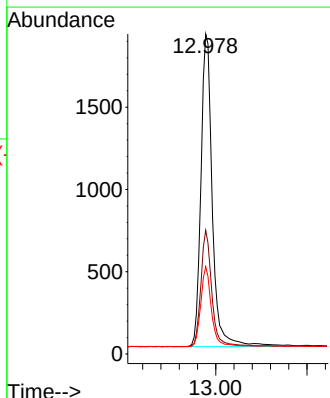
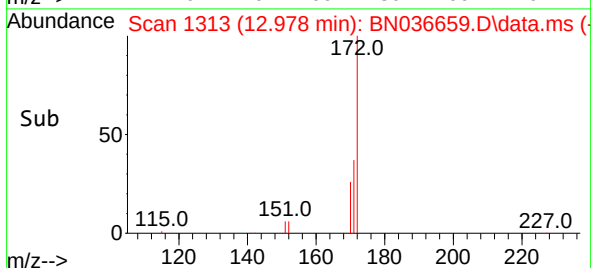
Tgt Ion:330 Resp: 346
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.2 112.8
 141 55.8 43.4 65.2

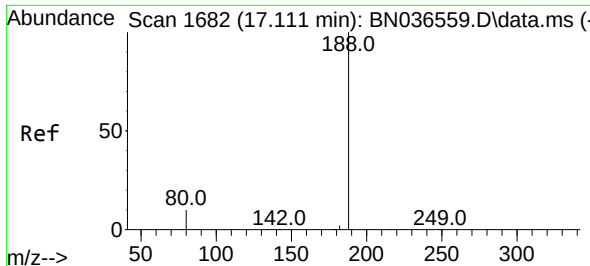


#15
 2-Fluorobiphenyl
 Concen: 0.376 ng
 RT: 12.978 min Scan# 1313
 Delta R.T. -0.010 min
 Lab File: BN036659.D
 Acq: 17 Mar 2025 14:55



Tgt Ion:172 Resp: 4575
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.5 44.3
 170 27.3 20.2 30.4

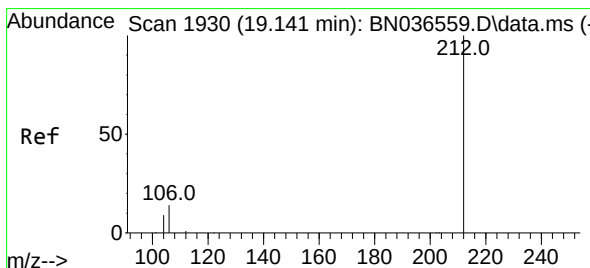
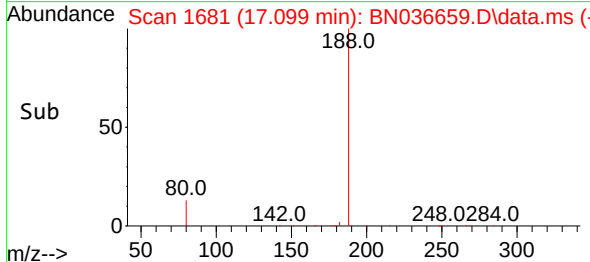
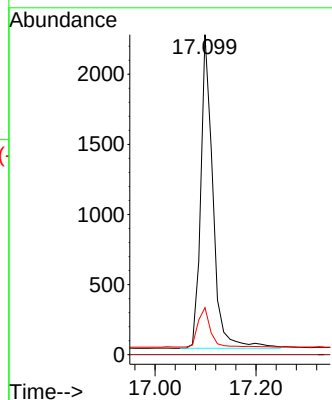
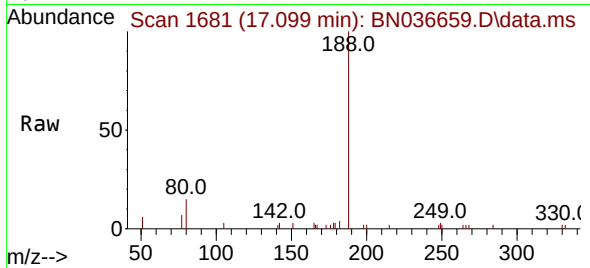




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

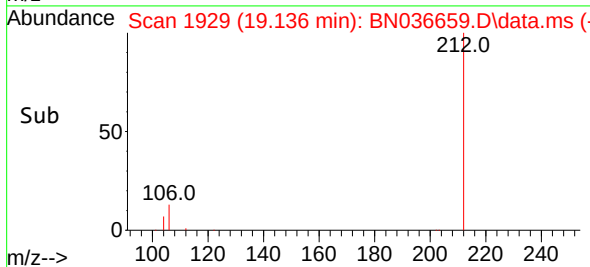
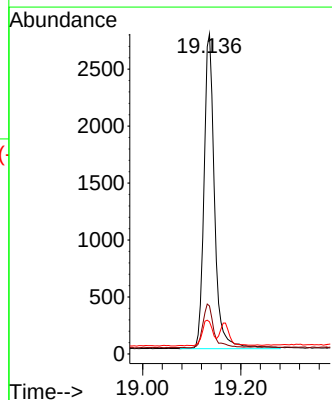
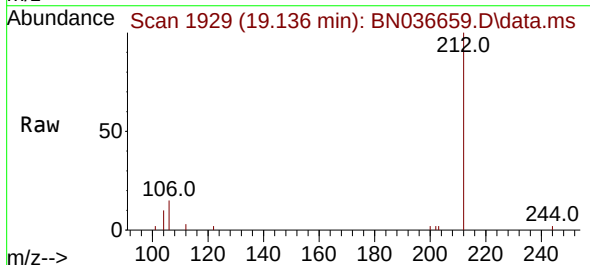
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250313

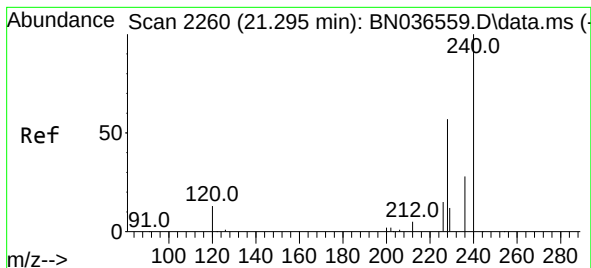
Tgt Ion:188 Resp: 3762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.426 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036659.D
Acq: 17 Mar 2025 14:55

Tgt Ion:212 Resp: 4103
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.1 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: BN036659.D

Acq: 17 Mar 2025 14:55

Instrument :

BNA_N

ClientSampleId :

RE117D1-20250313

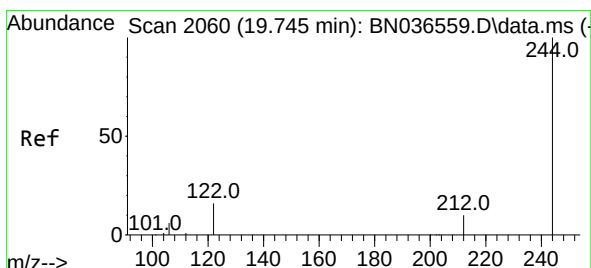
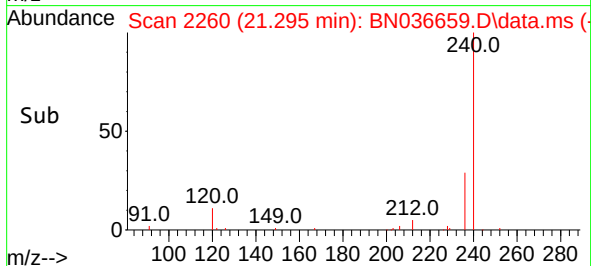
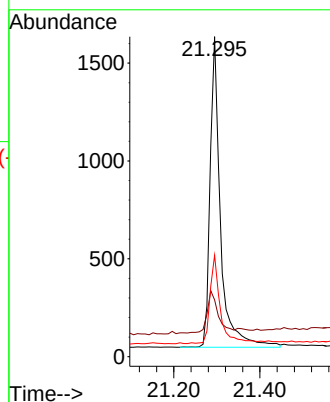
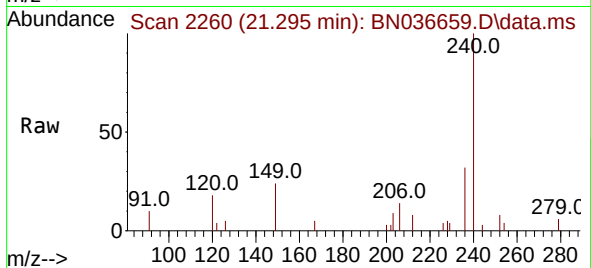
Tgt Ion:240 Resp: 2674

Ion Ratio Lower Upper

240 100

120 17.7 14.6 22.0

236 31.7 24.1 36.1



#31

Terphenyl-d14

Concen: 0.450 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.009 min

Lab File: BN036659.D

Acq: 17 Mar 2025 14:55

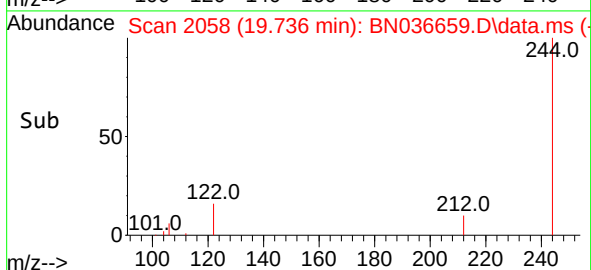
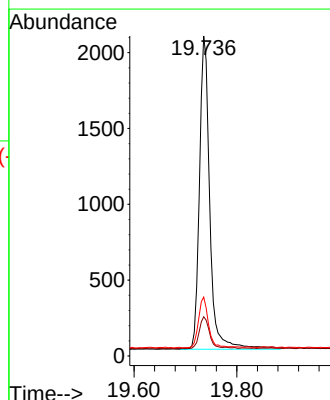
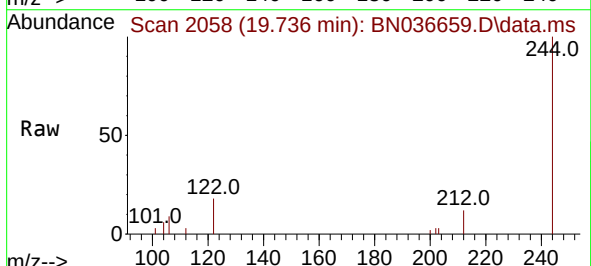
Tgt Ion:244 Resp: 2883

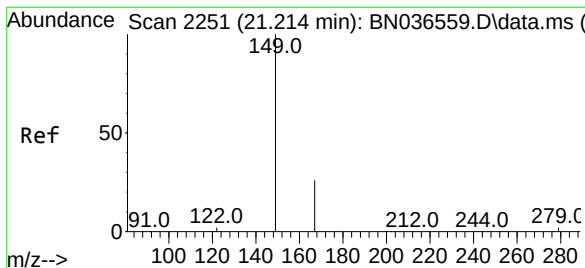
Ion Ratio Lower Upper

244 100

212 12.3 9.6 14.4

122 18.4 13.9 20.9

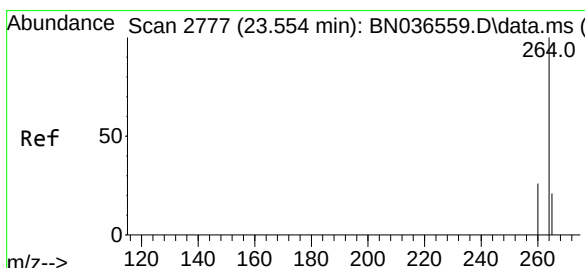
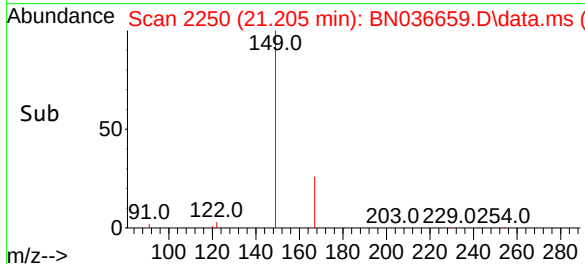
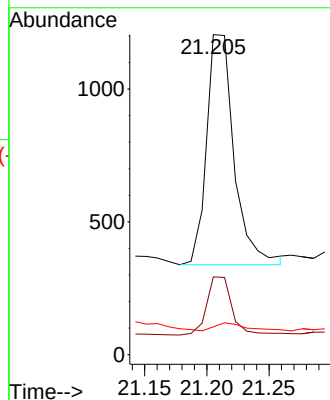
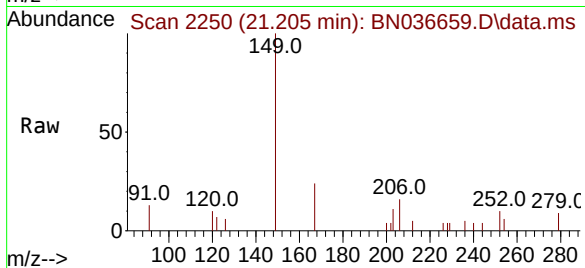




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.201 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036659.D
 Acq: 17 Mar 2025 14:55

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250313

Tgt Ion:149 Resp: 1334
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.7 31.1
 279 3.9 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: BN036659.D
 Acq: 17 Mar 2025 14:55

Tgt Ion:264 Resp: 2457
 Ion Ratio Lower Upper
 264 100
 260 29.8 22.6 33.8
 265 116.4 88.1 132.1

